

PLANTS FOR CALIFORNIA LANDSCAPES

A Catalog of Drought Tolerant Plants *

State of California
The Resources Agency
Department of Water Resources
September 1979

Huey D. Johnson Secretary for Resources The Resources Agency Edmund G. Brown Jr.
Governor
State of California

Ronald B. Robie
Director
Department of
Water Resources



FOREWORD *6

The California Department of Water Resources has made water conservation the foundation of its program for planning the future water supplies of California. In California's residential, commercial, and governmental use of urban water supplies, an estimated one-half is for landscape irrigation. Potential urban water savings are greatest in landscape uses because of the significant reductions possible through efficient irrigation methods, the change to practices such as mulching, and the use of drought tolerant plants.

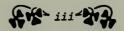
This report has been prepared to serve as a tool for home landscapers, nurseries, governmental agencies, and landscape professionals who are interested in designing water conserving, low maintenance landscapes. Home landscapers can learn about the large selection of drought tolerant plants that may be used in their yards. Landscape architects and designers can use this list as an aid in selecting plant material for design projects. Nurseries or growers may wish to use this list in diversifying their stock, and local planners, design review boards or water districts may use it to help assess the water conserving aspect of designs for proposed developments.

Demonstration water conserving landscapes and parks have been developed in several regions of the State. These demonstration projects offer the public an opportunity to view many of the plants on this list, and learn about particular landscape design needs. If you have experience with landscape design and plants or are involved in an agency or organization interested in conservation, we encourage you to help organize community demonstration projects. We can use our greenbelts and gardens as outdoor classrooms to help California learn about landscape water conservation.

The Department of Water Resources will be pleased to supply you with information on landscape design, efficient irrigation, and alternative small scale water supply systems. How California is going to meet its future water supply needs is going to depend upon how each of us contributes to the conservation effort.

Ronald B. Robie, Director Department of Water Resources The Resources Agency State of California

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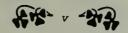
State of California
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Table of Contents &

	page
FOREWORD	iii
ORGANIZATION, DEPARTMENT OF WATER RESOURCES	vi
INTRODUCTION	1
DEMONSTRATION GARDENS	5
COMMON MISCONCEPTIONS	9
PLANTING ZONES	11
KEY	12
TREES	13
PALMS	37
SHRUBS	41
GROUNDCOVERS	77
ANNUALS/PERENNIALS	85
VINES	103
ORNAMENTAL GRASSES	107
PLANTS FOR SPECIAL PURPOSES	111
FIRE RETARDANT	112
SALT SPRAY TOLERANT	113
WIND RESISTANT	114
EROSION CONTROL	115
AIR POLLUTION TOLERANT	116
INFORMATION SOURCES	117
REFERENCES	119
TNDEX TO COMMON NAMES	121



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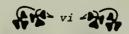
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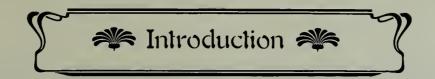
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In California, where the climate presents problems of summer drought, fluctuations in water supply from year to year, and long-term drought, an adequate water supply is a perennial concern. With escalating water demands due to a growing population, water conservation is an important method for gaining maximum utilization of current water supplies and reducing the need for additional water supply development.

Nearlu 50 percent of California's urban residential water use goes towards the irrigation of landscaped plantings--amounting to almost 1,850,000 cubic dekametres (1,500,000 acre-feet) per year. Another estimated 370,000 cubic dekametres (300,000 acre-feet) is used for irrigating governmental and commercial lands. Based on predrought water use figures, new single-family units constructed by the year 2000 will create a demand for an additional 370,000 cubic dekametres (300,000 acre-feet) per year and new multifamily units will need another 308,000 cubic dekametres (250,000 acre-feet) per year. During the drought, various landscaping firms and governmental agencies reported a 25 percent to 90 percent reduction in water use for landscaped plantings due to efficient irrigation and changes in their maintenance practices. If the use of drought-tolerant plants and alternative water supplies, such as rainwater cisterns and graywater systems, is added to this, outdoor water savings may be as high as 90-100 percent. Based on this high potential for water savings, it is reasonable to estimate that water use in existing landscapes can be reduced by 50 percent by the year 2000. A cutback of 50 percent of the water use in new single-family residences and 20 percent in new multifamily residences should also be possible by 2000. This reduction would result in water savings of 1,350,000 cubic dekametres (1,100,000 acre-feet) each year. (A cubic dekametre of water is approximately what a household of five people use in a year.) Reducing the water needs required for landscaping can, therefore, create substantial savings in our urban water supplies. The increased use of drought-tolerant plants is an important step towards long-term water conservation on the part of the homeowner or landscape designer.

A drought-tolerant plant is a plant that can survive with little or no water other than available rainfall. The degree of drought tolerance varies from site to site, from species to species, and from plant form to plant form.

Plants contain within them a continuous column of water which extends from their root hairs to the pores in their leaf surfaces. This water supports the plant's structure and transports materials through the plant. Upward movement of the water column occurs when water evaporates from the pores in the leaf surfaces. When evaporation exceeds the amount of water being absorbed by the roots, the plant suffers water stress. Prolonged water stress eventually leads to the death of tissues or to the entire plant.

Drought-tolerant plants are able to cope with scarcity of water by a variety of physiological adaptations. Some plants, including many trees in this plant list, survive dry conditions with the aid of deep, large root systems which tap water stored deep in the soil. Such plants will require nearly equivalent amounts of water as non-drought-tolerant plants, but need little or no artificial irrigation. Infrequent, deep watering, with shallow water basins around the plant fulfills these plants' water needs. In time, with the development of a deep root system, these plants may need no supplemental water. Problems arise, however, when the soil depth is too shallow. In such a case, the use of drought-tolerant plants which have other adaptations is advisable. (Plants with deep root systems are noted in the plant list.)

Other adaptations for water stress involve the leaves. Some plants have developed leaves with thick, heavy cuticles which reduce water loss. Others have hairy surfaces which slow air flow over the leaf, thereby increasing the leaf humidity and reducing the evaporation rate. Still other plants have developed means to reduce the amount of radiation from the sun heating their leaves, thus cutting the rate of evaporation. This is done either by white hairs that reflect sunlight or by leaves that fold when exposed to sunlight. A few plants--xerophytes, the lowest water users--drop their leaves and enter a dormant state under dry conditions. Later, with the return of moisture, they send out new leaves. (These are designated "summer dormant" in the list.) Through the use of one of these adaptations or a combination of them, the plants in this list are able to cope with dry growing conditions.

A number of environmental conditions affect the amount of water available to a plant. The soil type, the soil depth, the local microclimate, the degree of exposure to sun and wind, and competition with other plants for water all affect the plant's available water supply, and ultimately determine its drought-tolerance in a particular location. Distinctions as to the degree of drought tolerance of the plants in this list have not been made here because of this relationship between site conditions and water needs. This plant list is designed to be used as one tool in the plant selection process. It is advisable to consult local landscape specialists for particular information on the tolerance and availability of plants for the environment that you wish to landscape. Information sources are included at the end of this paper.

It is important to remember that most plants, even drought-tolerant ones, need water initially in order to become established. In addition, some drought-tolerant plants need occasional watering--infrequent, but deep soakings to encourage a deep root system. Drought-tolerant plants should be grouped separately from water-demanding plants in order to provide each planting with irrigation to fit its needs. Many drought-tolerant plants suffer when over-watered.

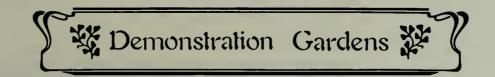
Contrary to the popular image of a water conserving landscape consisting solely of cactus plants or resembling a dusty scene of rocks and pebbles, drought tolerant plants are usually highly attractive, with lush foliage and showy flowers. This list contains plants to fit every landscaping need—offering a variety of form, size, foliage color, flower color, and fruit color.

In addition, a number of the plants can serve functional needs, such as erosion control and fire retardance (which result in additional water savings). Drought-tolerant plants, once established, have the added virtue of requiring relatively little care—a useful attribute for people with second homes or little time for gardening.

This plant list is not a complete dictionary of drought-tolerant plants. Such a compilation would be nearly impossible. Rather, this list gives those plants which are most likely to be available. Be sure to ask your nurseryperson to show you the latest available selection of drought-tolerant plants. California native plants, in particular--especially the manzanitas and ceanothus--have many new varieties coming out on the market. Fruit trees are not included in this list because of the ever-changing selection of new cultivars. Walnut, almond, pistachio, olive, and pomegranate trees are generally recognized as drought-tolerant or low water users. Citrus trees usually require less water than deciduous fruit trees. Fruit tree catalogs or your nurseryperson are good sources of information regarding low water-using fruit trees. Fruit trees are valuable for providing food as well as ornamental beauty.

The Department of Water Resources is dedicated to promoting water conservation in California. It is hoped that this bulletin will encourage the use of drought-tolerant plants and water conserving horticultural methods, and create an awareness of the potential water savings resulting from conservation practices.





Since the 1976-77 drought, numerous organizations, State and local agencies have planted demonstration parks and gardens to teach the public about water-conserving landscaping. These demonstration gardens are valuable because they show the species of plants involved, the techniques used, and the design possibilities of water-conserving landscaping.

Following is a list of water-conserving garden demonstrations around the State. Visit the demonstration gardens in your area, and find out about the plants suitable to your location. Arboreta, botanical gardens and conservatories are another important source of information on drought plants. Addresses of those involved with drought tolerant plants are located in the Information Sources section.

Several housing developments in California have water and resource conservation features in their design.

These developments demonstrate that a functional and attractive design can result when there is a sensitivity to the existing conditions of the site.

The list of demonstrations that appear here are those that will be planted by Fall 1979. There are more being developed in all regions of the State which are not yet ready for viewing. Contact the Landscape Water Conservation Program, California Department of Water Resources, P. O. Box 388, Sacramento, California 95802, (916) 322-3071 for further information.

Remember that landscapes, unlike buildings, take time to grow and "mature". Recently planted demonstrations will not look like a finished product until they have had a chance to grow for several seasons.

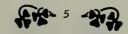
LANDSCAPE DEMONSTRATIONS:

Southern California

Department of Water Resources Southern District Office 849 South Broadway Los Angeles, CA 90055

Coordinator: Greg Poseley (213) 620-2778

Richard's Park
City of La Habra
Euclid and Lambert Roads
La Habra, CA 90631
Coordinator: Joann Jelly
(213) 694-1011



Northern California

Department of Water Resources & Office of Appropriate Technology 17th & N Streets Sacramento, CA 95816

Coordinator: Pam Ossman (916) 447-9346

Northern District Department of Water Resources 2440 Main Street Red Bluff, CA 96080

Coordinator: Clyde Muir (916) 446-2267

Concerned Citizens of Elmhurst Demonstration Neighborhood 1600 Block of 84th Avenue Oakland, CA Jacque Costain (415) 568-5333

Marin County Water District 220 Nellen Avenue Corte Madera, CA 94925

Coordinator: Jim Vandeweg

Mesa Verde High School 7600 Lappe Lane Sacramento, CA 95610

Coordinator: Eli Kazer (916) 726-6616



Photo: The Concerned Citizens of Elmhurst, California Department of Water Resources, Oakland Neighborhood Design Center, and California Conservation Corps worked together to plant the 1600 block of 84th Avenue, Oakland, as a demonstration neighborhood landscape. Planted in November 1978.

Northern California (Continued)

Woodside Library-- California Native Plant Garden 3140 Woodside Road Woodside, CA 94062

Coordinator: Mrs. Peter Gallagher (415) 854-0147

MODEL DEVELOPMENTS:

"San Marin East Development" John Stuber Murray-McCormick Consultants 150 Ford Way Novato, CA 94947 (415) 897-7175

"Pacheco Valley Development" Larry Kerbs 5401 Redwood Highway Novato, CA 94947 (415) 883-9231 Marin Wood Community Services District Miller Creek Road San Rafael, CA

Coordinator: Allan Horobin (415) 479-0775

Portola Valley Ranch Indian Crossing at Alpine Road Portola Valley, CA 94205

Landscape Architect: Nancy Hardesty (415) 326-4268

MODEL URBAN WATER CONSERVATION GARDEN

When visiting the State Capitol, walk two blocks from the east end of Capitol Park, to the corner of 17th and N Streets to see this demonstration park. This park was planted in 1976-78 by the California Department of Water Resources and the Office of Appropriate Technology with the support of local organizations and neighbors.

This demonstration garden is now managed by the Community Interaction Program "Growing Concern", whose headquarters are located at 1614 N Street, Sacramento. Phone 447-9346 for information on tours and workshops. Self-tour pamphlets are located in the

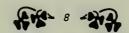


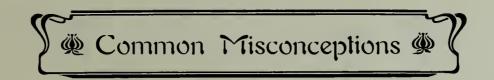


gazebo and plant identification signs are throughout the garden to aid the visitors.

Also visit the demonstration water-conserving planters located on the south side of the Resources Building on O Street, between 8th and 9th Streets. These planters, which are converted fountains, demonstrate drip irrigation and other new irrigation technologies.

(Photos of Model Urban Water Conservation Garden by Tom Tracy of San Francisco.)





ABOUT THE CALIFORNIA DROUGHT-TOLERANT LANDSCAPE

1. All California native plants are drought tolerant.

Many native plants which grow along streams use a great deal of water from the stream but need no irrigation or rain. However, planted away from a water source, they would not tolerate a drought. Many other native plants require as much water as some imported or hybrid ornamental plants.

2. All drought tolerant plants are native.

Many imported plants come from Mediterranean climates similar to California's and are drought tolerant here. Many have become naturalized, that is, they reproduce and flourish without assistance from people.

3. Drought tolerant landscapes are composed of sand, pebbles, and desert plants.

Much of the public is unaware that some of the lush, green, flowering plants presently in their yards are drought tolerant plants. It is now necessary to substitute a green, flowering landscape for water conservation. We can have both. Many drought tolerant species have beautiful seasonal flowers, edible fruit, and pleasant fragrance. Desert plants are not necessarily readily adaptable to many of our urban landscape situations which have higher humidities, lower temperatures, and different soils than these plants are accustomed to.

4. We will not have the same landscaping options as we have now if we use drought tolerant plants.

Water conserving grasses, turf substitutes, ground covers, hedges, shrubs, flowering plants, and shade trees are available for use in landscape design which are drought tolerant. Some are even fire retardant or deer-resistant.

5. Planting landscapes with drought tolerant species is a new idea.

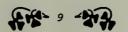
Toyon, juniper, cotoneaster, rosemary shrubs, western redbud, Raphiolepis or Indian hawthorn, and bottle brush are just a few examples of plants you can commonly find in your own yard or neighborhood which require little or no supplemental watering after they are established.

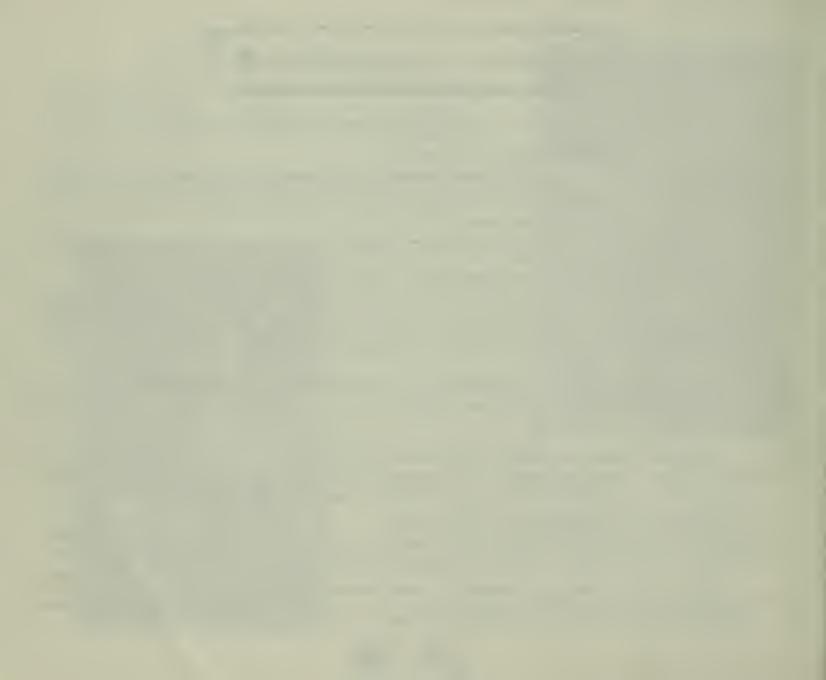
6. Drought resistant plants never need to be watered.

All plants need some water to live. Young plants need more water than is usually available from rainfall, until they establish a good root system. After a drought tolerant plant becomes established in its new environment, (an average of 1-2 years) it will thrive with little or no irrigation.

7. Drought Tolerant plants can be successfully mixed with more water-demanding plants.

Drought tolerant plants should be grouped together in the garden in order to conserve water. Some drought resistant species are susceptible to diseases and root rot when over-watered.





澤Planting Zones聲

This map shows the approximate location of areas where climatic conditions determine a plant species' ability to survive. This should be used merely as a general guide. California has a complex microclimatic distribution due to its diverse geography. Local conditions can vary greatly within a few miles. Plants may be drought tolerant in some zones but require supplemental water in others. Exposure of the site itself can also affect the success of a plant. At times, a tender plant is able to survive in a protected, southern exposure in a zone not at all suitable for its growth. When selecting plants, be sure to check with local nurserymen as to the suitability of a species for a particular site. KEY High Elevations Interior Valley (Hi-Mid Sierra, Sierra Central Valley Foothill, Coast Range) South Coast Low Desert North Coastal

Medium to High Desert

North Coast

South Coastal

KEY

*	California Native Plant	ec	Erosion Control
BLE	Broad-leaved Evergreen	dr	Deep-rooted
Dec.	or Decid. Deciduous	Decid. Deciduous f Fire-retardant	
Fls.	Flowers	р	Poisonous
Fr.	Fruit	pt	Pollution Tolerant
GC	Ground Cover	sđ	Summer Dormant
Lvs.	Leaves	SS	Tolerant of Seaside Conditions
NLE	Narrow-leaved Evergreen	t	Thorny
e	Edible	wd	Winter Dormant
0	General gardening hint		

Soil which has too much sand or clay content does not have good water holding capacity. Amending the soil with compost can improve the soil's water retention.

trees

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BOTANICAL NAME

ZONES

PLANT TYPE

NOTES

Acacia baileyana	Bailey Acacia	All But Desert & High Sierras	Tree: BLE	20-30' high. 20-40' spread. Lvsfeathery, blue-gray. Flsyellow, aromatic, Jan/Feb. Brittle wood, surface roots.
Acacia <u>longifolia</u> (or A. <u>latifolia</u>)	Sydney Golden Wattle	All But Desert & Sierras	Shrub/Tree: BLE, ec	20' high. 20' spread. Fast-growing. Used as a soil-binder, screen.
Acacia melanoxylon	Blackwood Acacia, Black Acacia	All But High Desert and Sierras	Tree: BLE	40' high. 20' spread. Fast-growing. Fls creamy, in clusters, March to April. Brittle wood.
*Aesculus californica	California Buckeye	Mid Sierras Coastal Ranges North Coast Interior Valley	Tree: Decid. sd, pt, ss, dr	40' high. 30-50' spread. Fls aromatic, pinkish white, late spring. Tolerant of urban pollution/salt spray.
Ailanthus altissima	Tree-of-heaven	All	Tree: Decid. pt	Weedy. 40-60' high. Equal spread. Lvsreddish in spring. Fast-growing. Tolerant of urban pollution
Albizia julibrissin	Silktree	All But South Coast	Tree: Decid. wv	25-35' high. Equal spread Lvsfeathery. Trunk-single or multi. Flspink, clusters. Attracts hummingbirds.

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BOTANICAL NAME

ZONES

PLANT TYPE

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*Arbutus menziesii	Madrone, Madrona	Mid Sierras Coastal Ranges North Coast Interior Valley	Tree: BLE	20-100' high. Bark-smooth, reddish-brown. Flswhite to pinkish, clusters. Fruit-red and orange berries. Disease susceptibility.
Arbutus unedo	Strawberry Tree	All Zones, Except High Elevation, Foothill & Coast Acceptable	Shrub/Tree: BLE	8-35' high. Equal spread. Bark-red-brown, shredding. Flswhite, Fruit-red & yel- low. Slow to moderate growth.
Brachychiton populneum	Bottle Tree	Low Desert Coastal Ranges Interior Valley Coast	Tree: BLE	30-50' high. 30' spread. Flswhite, bell-shaped, in clusters, May/June. Fruit- woody. Moderate growth.
Broussonetia papyrifera	Paper Mulberry	All but High Elevations	Tree: Decid. pt, wv.	25-40' high. Equal spread. Fast-growing. Tolerant of city conditions. Attracts birds.
Callistemon viminalis	Weeping Bottlebrush	Central Valley Low Desert Coast Range Interior Valley	Tree: BLE	20-25' high. Fast-growing. Lvscopper-colored when new. Flsred, in summer
*Calocedrus decurrens (or <u>Libocedrus</u> decurrens)	Incense Cedar	All but Low Desert	Tree: NLE	50-70' high. Narrow cone shape. Needles aromatic. Bark-cinnamon red, furrowed. Fruit-cones. Grow in sun or shade.

BOTANICAL NAME

occasional deep watering.

*Castanopsis chrysophylla	Giant Chinquapin	Mid-Sierras North Coast	Tree: BLE	To 75'. Slow growing, Lvsglossy, dk green above, golden hairs beneath. Flsshowy, white in summer.
<u>Castanea</u> mollissima	Chinese Chestnut	N. Coast & Coastal Central Valley Coastal Ranges Sierra Foothills High Elev Deser		30-50' high. Requires sun. Lvsred in spring, yellow or bronze in fall. Fls white, aromatic. Fruit-chestnuts.
<u>Casuarina</u> <u>spp</u> .	Beefwood	Central Valley Low Desert Coast & Coastal Range Interior Valley	Tree: BLE	20-70' high. Resembles pine. Fruit-woody, conelike Tolerant of dry or wet soil, heat, and wind.
Casuarina cunninghamiana	River She-oak	Central Valley Low Desert Coast & Coastal Range Interior Valley	Tree: BLE	70' high. Resembles pine. Branches-dk green, fine texture. Tolerant of heat and wind.
Casuarina equisetifolia	Horsetail Tree	Central Valley Low Desert Coast Range Interior Valley	Tree: BLE	50-60' high. 20' spread. Fast-growing. Pine-like. Branches-drooping, gray- green. Fruit-cone-like.
*Catalpa speciosa	Western Catalpa	All	Tree: Decid. dr	40-60' high. 30-40' spread. Fast-growing. Pest-free. Flswhite with purple spots, in mid-summer. Needs

BOTANICAL	NAME	COMMON	NAME

ZONES

PLANT TYPE

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	211

Cedrus atlantica	Atlas Cedar	All But High Elevations & Coast	Tree: NLE	40-60' high. Slow to moderate growth. Branches point upward. Needles-blue-green, borne in clusters.
Cedrus deodora	Deodar Cedar	All But Low Desert	Tree: NLE	40-60' high. Fast-growing. Branches-pendant, graceful. Needles borne in clusters. Grow in sun.
<u>Cedrus libani</u>	Cedar of Lebanon	All	Tree: NLE	40-60' high. Slow-growing. Branches-stiff, horizontal. Needles-gray-green, borne in clusters. Grow in sun.
Celtis australis	European Hackberry	All But High Elevations Coast & South Coastal	Tree: Decid. dr	45-75' high. 35-50' spread. Lvsgray-green. Tolerant of heat, wind, drought, & alkaline soil. Grow in full sun. Needs some water.
<u>Celtis laevigata</u>	Sugarberry, Southern or Mississippi Hackberry	High Elevations High Desert	Tree: Decid. dr	30-90' high. 40-45' spread. Branches-pendulous. Crown-open and broad. Grow in sun. Tolerant of wind & alkaline soil. Needs some water.
<u>Celtis occidentalis</u>	Common Hackberry	All	Tree: Decid. dr	50-60' high. 50' spread. Grown in full sun. Leafs out in April. Tolerant of wind and alkaline soil. Needs some water.

<u>Celtis</u> <u>sinensi</u> s	Chinese Hackberry, Yunnan Hackberry	Central Valley Desert Interior Valley North & South Coastal	Tree: Decid. dr	Similar to Common Hack- berry but smaller. Lvs glossy. Tolerant of wind and alkaline soil. Needs some water.
Ceratonia siliqua	Carob, St. John's Bread	Central Valley Low Desert North & South Coastal	Tree/Shrub: BLE, f.	30-40' high. Equal spread. Foliage- dense, dk green, compound lvs.
*Cercidium spp.	Palo Verde	Desert Interior Valley	Tree: Decid. sd	25' high. 25' spread. Flssmall, yellow, in clusters in spring.
*Cercis occidentalis	Western Redbud	All But Desert	Tree: Decid. dr	10-18' high. Lvsyellow fall color. Flspurplish-pink, before leaves in spring.
*Cercocarpus betuloides	Mountain Mahogany, Hardtack, Mountain Ironwood, Sweet Brush Birch-Leaf Mtn Mahogany	All But High Elevations	Tree/Shrub: BLE or semi- dec.	20' high. Wide-spreading. Lvs clustered on spurs, pale undersides. Fruit- feathery plume attached, in fall.
*Cercocarpus ledifolius	Curl-leaf Mahogany	A11	Tree/Shrub: BLE or Semi- Decid.	30' high. Wide-spreading. Open crown of twisted branches. Fruit-feathery plume attached, in fall.
Cinnamomum camphora	Camphor Tree	All But Desert & High Elevations	Tree: BLE	30-50' high. Casts deep shade. Lvsaromatic rosecolored in spring. Flstiny, yellow, in spring. Fruit-black berries.

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BOTANICAL NAME	COMMON NAME	ZONES	PLANT TYPE	NOTES 7
Cotinus coggygria	Smoke Tree	A11	Tree/Shrub: Decid.	25' high. 25' spread. Lvsyellow to orange-red in fall. Flsbecome covered in purple fuzzy hairs.
<u>Crataegus</u> <u>spp</u> .	Hawthorn	High Elevations High Desert North Coastal	Tree: Decid. t	Branches-thorny. Fls pretty, in spring. Fruits- showy, in fall. Suscep- tible to pests.
Cupressus arizonica bonita (or Cupressus glabra)	Smooth Arizona Cypress	All But High Elevations	Tree: NLE	To 40". Conical shape. Foliage-aromatic, gray-ish blue-green. Grow in full sun.
Cupressus macrocarpa	Monterey Cypress	North Coast	Tree: NLE	Problems of disease. 40'+ high. Beautiful picturesque shape. Foliage-dark green.
Eriobotrya deflexa	Bronze Loquat	All But High Elevations & Desert	Tree/Shrub: BLE	Easily trained into small tree. Lvs coppery when new. Good for espalier, patios, & containers.
Eriobotrya japonica	Loquat	All But High Elevations	Tree: BLE ss	Susceptible to fire blight. 15-30' high. Tolerant of sea side conditions. Flswhite, clusters, aromatic fall/ winter. Some water needed.
Eucalyptus calophylla	Eucalyptus	All But High Elevations	Tree: BLE f	50' high. Bark-rough,fis- sured. Lvsbeautiful. Flsshowy, in 1' clusters.

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BOTANICAL NAME	COMMON NAME	ZONES	PLANT TYPE	NOTES
Eucalyptus camaldulensis	Red Gum, River Red Gum	All But High Elevations	Tree: BLE f	80-120' high. Trunk-tan, mottled. Flsinconspic- uous, in summer. Extremely drought tolerant.
Eucalyptus citriodora	Lemon-scented Gum	All But High Elevations	Tree: BLE f	50-75' high. Fast-growing. trunk & branches-white to pink. Lvsgolden-green, aromatic. Graceful.
Eucalyptus eremophila	Tall Sand Mallee	All But High Elevations	Tree: BLE f	25' high. Bushy. Scaly bark. Lvsdk green, shiny. Flsyellow, fuzzy, in clusters in June.
Eucalyptus globulus	Blue Gum	All But High Elevations	Tree: BLE f	To 200'. Straight trunk. Bark-shredding, aromatic. Flswhite to yellow, winter and spring.
Eucalyptus gunnii	Cider Gum	All But High Elevations	Tree: BLE f	40-75' high. Dense foliage. Bark-smooth, green, tan. Flswhite, April-June.
Eucalyptus maculata	Spotted Eucalyptus	All But High Elevations	Tree: BLE f	50-75' high. Graceful. Bark-gray, patched red to violet. Lvsdk green. Flswhite, clustered.
Eucalyptus microtheca	Eucalyptus	All But High Elevation	Tree: BLE f	35-40' high. Bushy. Bark-smooth. Lvs blue-green.
Eucalyptus nicholii	Peppermint Gum, Nichol's Willow- leafed Peppermint	All But High Elevations	Tree: BLE f	To 40'. Graceful, weeping. Lvslt green, purple- tinged. Bark-smooth, brown. Fast-growing.

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BOTANICAL NAME	COMMON NAME	ZONES	PLANT TYPE	NOTES
Eucalyptus niphophila	Snow Gum	All But High Elevations	Tree: BLE f	20' high. Trunk-crooked. Lvssilvery blue. Bark- smooth, white, peeling. Fls white, in clusters, in summer.
Eucalyptus polyanthemus	Silver Dollar Gum	All But High Elevations	Tree: BLE f	20-60' high. Fast-growing. Lvsgreen-gray. Bark- mottled. Flswhite, spring/summer.
Eucalyptus sideroxylon 'Rosea'	Red Ironbark, Pink Ironbark	All But High Elevations	Tree: BLE f	20-80' high. Fast-growing. Lvsblue-green, bronze in winter. Flspink, fall to spring.
Eucalyptus viminalis	Manna Gum	All But High Elevations	Tree: BLE f	150' high. Lvslight green. Branches-drooping, willow- like. Trunk-white, shredding.
Feijoa sellowiana	Pineapple Guava	All But High Desert & High Elevations	Tree/Shrub; BLE, e	18-25' high. Flsspring/ early summer. Fruit-edible, reddish-green. Grow in full sun/partial shade.
Ficus carica	Common Fig	All But High Desert & High Elevations	Tree: Decid.	20-40' high. Equal or greater spread. Fast- growing. Bark-smooth gray. Edible fruit. Makes dense shade. Grows in sun.
*Fraxinus dipetela	Foothill Ash	All But High Elevations	Tree/Shrub: Decid. sd,dr	18-20' high. Lvscompound. Flswhite, showy, in

clusters, in spring. Needs occasional deep watering.

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3	BOTANICAL NAME	COMMON NAM
FI	raxinus velutina	Arizona Ash

ZONES

PLANT TYPE

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<u>Fraxinus</u> velutina	Arizona Ash	All But High Elevations	Tree: Decid. dr	Pyramidal when young, spreading when mature. Separate sexes. Lvs3-5 leaflets. Needs some water. Tolerates hot, dry, cold conditions.
Fraxinus velutina 'Modesto'	Modesto Ash	All But High Elevations	Tree: Decid. dr	30-50' high. Equal or greater spread. Lvsyellowish-green. Fall color -yellow. Some water.
*Fremontodendron spp.	Flannel Bush	All But High Elevations	Tree/Shrub: BLE	6-20' high. Fast-growing. Lvsleathery, dk green. Flsyellow, saucerlike. Tolerates serpentine soils.
Geijera parviflora	Australian Willow	All But High Elevations	Tree: BLE dr	Casts light shade. Has grace of weeping willow. 25-30' high. 20' spread. Pest-free.
Ginkgo biloba	Maidenhair Tree, Ginkgo	All But Desert	Tree: Decid. dr	50-80' high. 40' spread. Lvsfanshaped. Pest-free. Fall color-yellow. Grow in sun. Needs occasional deep watering.
Gleditsia triacanthos inermis	Thornless Honey Locust	All But Coast and South Coastal	Tree: Decid.	35-70' high. Equal spread. Numerous varieties. Fall color-yellow. Requires full sun.
Grevillea robusta	Silk Oak	All But High Elevations & High Desert	Tree: BLE	50-60' high. Fast-growing. Lvsfernlike, silvery under sides. Flsgolden orange, large clusters, early spring

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BOTANICAL NAME	COMMON NAME	ZONES	PLANT TYPE	NOTES
Hakea laurina	Sea Urchin Tree	Low Desert Coast, Interior Valley, North & South Coastal	Tree/Shrub: BLE	30' high. Pest-free. Lvsgray-green, with red margin. Flsred, showy, clusters, winter.
*Heteromeles arbutifolia	Toyon	All But High Elevations	Tree/Shrub: BLE	15-25' high. Multi- trunked. Lvsleathery, dk green. Fruit-red berries, in clusters, in winter.
Hoberia populnea	New Zealand Lace Bark	Coastal & Coast	Tree: BLE	50-60' high. Fast-growing. Graceful growth habit. Flswhite, in clusters, in late summer/fall.
*Juglans californica	Southern California Black Walnut	Interior Valley S. Coast South Coastal	Tree/Shrub: Decid. dr	15-30' high. Multi-trunked Lvscompound. Tolerates poor soil.
*Juglans <u>hindsii</u>	California Black Walnut - Hinds Black Walnut	Central Valley N. Coastal North Coast Interior Valley	Tree: Decid. dr	30-60' high. Fast-growing. when young. Grow in full sun. Fall color-brownish yellow. Fruit-2" across.
*Juniperus californica	California Juniper	All	Tree: NLE	10-40' high. Foliage- yellowish-grn. Useful in desert areas & central coastal inner range & valley areas.
*Juniperus occidentalis 'Glauca'	Sierra Juniper	All	Tree: NLE	25'+ high. Needs some water. First columnar, later round-headed. Foliage-blue-gray.

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BOTANICAL NAME	COMMON NAME	ZONES	PLANT TYPE	NOTES
Juniperus scopulorum 'Pendula'	Weeping Rocky Mountain Juniper	A11	Tree: NLE	20' high. Foliage- silvery. Branches- thin, weeping.
Juniperus virginiana	Red Cedar Juniper	A11	Tree: NLE	40-50' high. Conical shape. Foliage-dk green, reddish in cold winters. Needs some water.
Koelreuteria paniculata	Goldenrain Tree	All But South Coast & South Coastal	Tree: Decid. dr	20-35' high. 10-20' spread. Lvsreddish in spring, blue-green in summer. Fls-yellow clusters, summer. Seed pods. Needs some water esp. when young.
Lagerstroemia indica	Crape Myrtle	Central Valley. Low Desert Interior Valley	Tree/Shrub: Decid.	6-30' high. Slow-growing. Bark-smooth, gray or brown, peeling to pink inner bark. Flsred to white, July-Sept. Water infre- quently but deeply.
Leptospermum laevigatum	Australian Tea Tree	North & South Coast, North & South Coastal, Interior Valley	Tree: BLE ss	30' high. Bark-gray. Flswhite, profuse, in spring. Tolerant of salt spray. Grow in sun.
Ligustrum lucidum	Glossy Privet	All But High Elevations	Tree: BLE	40' high. Fast-growing. Flswhite, aromatic clusters. Fruit-black berries. Pest-free. Grow in sun or shade. Somewhat drought tolerant.

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*Lyonothamnus floribundus 'Asplenifolius'	Fernleaf Santa Cruz Ironwood	North & South Coast, North & South Coastal	Tree: BLE ss	25-60' high. 20-40' spread. Bark-redwood-colored, peeling. Lvscompound, gray undersides. Fls white, in large clusters. Need well drained soil.
<u>Maclura</u> <u>pomifera</u>	Osage Orange	A11	Tree: Decid.	25-50' high. Equal spread. Fall color-yellow. Pest- free. Fast-growing. Grow in full sun.
<u>Maytenus</u> boaria	Mayten Tree	Central Valley North Coast North Coastal Interior Valley	Tree: BLE	30-50' high. 20' spread. Slow to moderate growth. Weeping habit. Will take some drought when established.
Melaleuca linarifolia	Flaxleaf Paperbark	All But High Elevations & South Coast	Tree	30'high. Crown-umbrella- like. Bark-white, shred- ding. Flsshowy in summer. Lvsgreen, needlelike.
Melaleuca nesophila	Pink Melaleuca	All But High Elevations North Coastal & High Desert	Tree/Shrub: ss	20-30' high. Fast-growing. Bark-thick, spongy. Lvs gray-green. Flsmauve. Tolerant of seaside condi- tions.
Melaleuca quinquenervia	Cajeput Tree	Central Valley Low Desert North Coast South Coastal South Coast	Tree	20-40' high. Young branches pendulous. Bark-peeling, 1t. brown. Lvsturn purple with frost. Flsyellow, white, summer/fall.

BOTANICAL NAME	COMMON NAME	ZONES	PLANT TYPE	NOTES
Melaleuca styphelioides	Prickly Melaleuca, Bottlebrush	All But High Elevations & High Desert	Tree	20-40' high. Branches pendulous. Bark-papery, lt tan. Flswhite, from summer thru fall.
Melia azedarach "Umbraculifera'	Texas Umbrella Tree Umbrella Chinaberry	All But High Elevations	Tree: Decid.	30' high. Fast-growing. Crown-umbrella-shaped. Flslilac, aromatic, in spring. Fruit-yellow berries.
Morus alba 'Stribling'	Fruitless White Mulberry	A11	Tree: Decid.	35' high. 35' spread. Rapid-growing. Fruit- edible, early summer. Will take some drought once established.
Morus rubra	Red Mulberry	All Zones incl. Foothill Region, not High Elev.	Tree: Decid. e, dr	50' high. Rapid-growing. Fruit-edible, in early summer, attracts birds.
Olea europaea and varieties	Olive	All But High Elevations	Tree: BLE	25-30' high. Trunk-gray, gnarled. Lvsnarrow, silvery gray. Flstiny, white, aromatic in summer.
Parkinsonia aculeata	Jerusalem Thorn, Mexican Palo Verde	All But High Elevations & Central Valley	Tree: Decid. sd	15-30' high. 15-30' spread. Foliage-feathery. Flsyellow, aromatic. Grows best in full sun.
Phellodendron amurense	Amur Cork Tree	All But South Coast, South Coastal & Interior Valley	Tree: Decid.	30-50' high.Equal spread. Lvs. & berries - aromatic. Fall color-yellow. Re- quires full sun.

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BOTANICAL NAME	COMMON NAME	ZONES	PLANT TYPE	NOTES
*Pinus aristata	Bristlecone Pine, Hickory Pine	N. Coast S. Coast High Elevations	Tree: NLE	8-20' high. Slow-growing. Foliage-dense, blue-green needles. Requires sun. Some water needed.
* <u>Pinus</u> <u>attenuata</u>	Knobcone Pine	All	Tree: NLE ss	20-80' high. Rapid-growing. Habit-open, irregular. Lvsyellow-green, needles. Require sun & coastal conditions.
<u>Pinus</u> <u>canariensis</u>	Canary Island Pine	All But High Sierras	Tree: NLE	60-80' high. Fast-growing. Foliage-hanging, grass- green needles. Require sun.
* <u>Pinus</u> <u>contorta</u>	Shore Pine	N. & S. Coast	Tree: NLE	20-35' high. Fast-growing. Foliage-dk green, dense. Fruit-cone, It yellow-brown. Require sun. Best in coast ranges.
*Pinus coulterii	Coulter Pine	All But High Sierras	Tree: NLE	40-80' high. Moderate to fast growth. Tolerant of heat and wind. Require sun.
<u>Pinus</u> <u>halepensis</u>	Aleppo Pine	All But High Sierras	Tree: NLE ss	30-60' high. Fast-growing. Foliage-lt green needles. Tolerate windy seaside conditions. Require sun. Aphid pests.
*Pinus jeffreyi	Jeffrey Pine	High Elev. High Desert	Tree: NLE	60-120' high. Moderate growth. Lvsblue-green needles. Fruit-reddish brown cones. Require sun. Intolerant of smog.

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*Pinus muricata	Bishop Pine	N. & S. Coast	Tree: NLE ss	40-50' high. Moderate to rapid growth. Lvsdk green needles. Fruit-brown cones. Tolerant of wind and salt air. Susceptible to brown pine scale.
<u>Pinus pinaster</u>	Maritime Pine, Cluster Pine	N. & S. Coast	Tree: NLE ss	80-90' high. Rapid growth. Habit-pyramidal. Lvsglossy green needles. Fruit-glossy lt brown cones.
<u>Pinus pinea</u>	Italian Stone Pine	All But Desert & High Sierra	Tree: NLE ss	40-80' high. Moderate growth. Flat-topped when mature. Lvsgray-green needles.
*Pinus ponderosa	Ponderosa Pine, Yellow Pine	All But Desert	Tree: NLE	75'+ high. Moderate to rapid growth. Foliage-dk green needles. Requires sun.
* <u>Pinus</u> <u>sabiniana</u>	Digger Pine	Foothills, Cent. & Interior Valley		40-80' high. Fast-growing. Lvsgray-green needles. Provides little shade. Requires sun. Very drought tolerant.
<u>Pinus</u> <u>sylvestris</u>	Scotch Pine, Scots Pine	All But Desert & High Sierras	Tree: NLE	40-100' high. Picturesquely crooked. Require sun & some water. Bark-flaking, orange-brown on upper branches. Lvsblue-green.

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BOTANICAL NAME	COMMON NAME	ZONES	PLANT TYPE	NOTES
Pinus thunbergii	Japanese Black Pine	All But Desert	Tree: NLE	20-80' high. Rapid growth. Irregular graceful outline. Bark- black. Lvsdeep green needles. Tolerates salt air.
*Pinus torreyana	Torrey Pine	All But High Sierra	Tree: NLE	40-60' high. Fast-growing Lvslt gray-green to dk gr needles. Fruit-choco-late brown cones. Requires sun.
<u>Pistacia</u> <u>atlantic</u> a	Mount Atlas Pistache	All But High Elevations	Tree: Semi- Dec. or Decid.	60' high. Slow to moderate growth. Habit-pyramidal. Lvscompound, glossy. Fruit-dk blue or purple.
Pistacia chinensis	Chinese Pistache	All But High Elevations & Coast	Tree: Decid.	To 60' high. Equal spread. Fall color-brilliant orange and red. Pest-free. Grows best in sun.
Pittosporum spp.	Pittosporum	Refer to Specific Species	Tree: BLE ss	Small trees or shrubs. Flsaromatic. Fairly drought tolerant. Best with water. Fruit-small, yellow or orange. Tolerates sea- side conditions.
Platanus acerifolia	London Plane Tree	All	Tree: Decid. pt	70-100' high. Equal spread. Bark-decorative, peeling, mottled white. Rapid-growing. Fruit-seedball.

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BOTANICAL NAME	COMMON NAME	ZONES	PLANT TYPE	NOTES
*Platanus racemosa	California Sycamore	All But High Elevations	Tree: Decid.	40-90' high. Rapid-growing Sometimes with picturesquely gnarled multiple trunks. Bark decorative. Riparian tree. Susceptible to disease
Populus alba	White Poplar	A11	Tree: Decid.	50-60' high. Equal spread. Lvswhite undersides, turn red in fall. Inva- sive roots for septic systems.Columnar varieties.
*Populus fremontii	Fremont Cottonwood	All But High Elevations	Tree: Decid.	Lvsyellow-green, glossy. 40-60' high. Very rapid growth. Riparian tree. Requires little water. Used for shade and windbreak in desert.
Prunus cerasifera atropurpurea (or P. pissardii)	Pissard Plum	All But High Elevations	Tree: Decid.	15-20' high. Many varieties. Lvsreddish purple all summer. Short-lived.
*Prunus ilicifolia	Hollyleaf Cherry	All But High Elevations & High Desert	Tree: BLE	20-30' high. Moderate growth. Fls 3-6" spikes, creamy, March. Fruit-reddish purple. Extremely drought tolerant.
Prunus lusitanica	Portugal Laurel	All But High Elevations & Desert	Tree/Shrub: BLE	10-30' high. Dense-branching Lvsglossy, dk green. Fls 5-10" spikes, creamy. Fruit.
*Prunus lyonii	Catalina Cherry	All But High Elevations & High Desert	Tree: BLE	10-45' high. Easy mainten- ance. Flscreamy, 4-6" spikes, April/May. Fruit- black, August/Sept.

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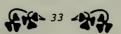
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* <u>Pseudotsuga</u> menziesii	Douglas Fir	High Elevations Central Valley North Coast & North Coastal	Tree: NLE	10-12' clipped hedges 70-250' in forests. Fragrant. Sun or shade. Wind tolerant. Pyramidal when young.
*Quercus agrifolia	Coast Live Oak California Live Oak	All But High Elevations & Desert	Tree: BLE	20-70' high. Moderate growth rate. Bark-rough, gray. Lvsspiny, convex. Requires well-drained soil.
*Quercus chrysolepis	Canyon Live Oak	All But High Elevations & Desert	Tree: BLE	20-60' high. Requires Sun. Slow-growing. Bark-smooth, whitish. Lvs have whitish undersides.
*Quercus douglasi	Blue Oak	All	Tree: Decid.	20-60' high. Wide-spreading. Bark-lt gray. Slow growing when young. Lvsbluish green, oval.
*Quercus garryana	Oregon White Oak	North Coast & North Coastal	Tree: Decid.	40-90' high. Slow to moderate growth. Bark-grayish. Lvsleathery, rusty undersides. Grow in full sun.
*Quercus kelloggii	California Black Oak	North Coastal	Tree: Decid.	30-80' high. Equal spread. Lvsreddish in spring, yellowish in fall. Grow in full sun. Slow growing.
*Quercus lobata	Valley Oak, California White Oak	High Elevations Central Valley Desert North Coastal Interior Valley	Tree: Decid.	70' high. Picturesquely twisted branches. Bark-gray, checkered. Lvspale undersides.

Quercus suber	Cork Oak	Central Valley Desert N. & S. Coastal Interior Valley	Tree: BLE	40-60' high. Rapid-growing. Lvslobed, dk grn on top, silvery underneath. Grows best in gravelly soil.
*Quercus wislizenii	Interior Live Oak	Central Valley North Coastal Interior Valley	Tree: BLE	Slow-growing. 30-75' high. Wider spread. Dense crown. Lvsglossy.
Rhus lancea	African Sumac	All But High Elevations & High Desert	Tree: BLE	To 25'. Habit-open. slow- growing. Graceful, weeping outer branches. Fruit- yellow or red, clusters.
Robinia pseudoacacia	Black Locust, False Acacia	All	Tree: Decid.	50-80' high. Fast-growing. Thorny. Narrow spread. Flswhite, aromatic in hanging clusters. Fruitbeanlike pods.
*Sambucus caerulea	Blue Elderberry	High Elevations Desert North Coastal North Coast	Tree/Shrub: Decid.	50' high. Spreading habit. Lvscompound. Flswhite, in clusters, April-Aug. Fruit-blue-blk. berries. Needs occasional summer water. Riparian tree.
Schinus molle	California Pepper Tree	All But High Elevations & High Desert	Tree: BLE f	25-40' high. Fast-growing. Gnarled trunk, drooping branches. Fruit-rose-colore Little care needed.

BOTANICAL NAME	COMMON NAME	ZONES	PLANT TYPE	NOTES
Schinus polygamus	Peruvian Pepper Tree	All But High Elevations	Tree: BLE or Semi-Dec.	15-25' high. 15-25' spread. Flswhite, aromatic 4-8" clusters. Fruit-flat seed pods. Grows best in full sun.
<u>Schinus</u> <u>terebinthifolius</u>	Brazilian Pepper	N. & S. Coast N. & S. Coastal	Tree: BLE	30' High. Equal spread. Lvs Dk green, glossy. Fruit-bright red berries in winter. Water infre- quently & deeply to dis- courage surface roots.
* <u>Sequoiadendron</u> giganteum	Big Tree, Giant Sequoia	A11	Tree: NLE	Conical when young. Lvs blue-green needles. Grow in full sun. Moderate to slow growing.
Sophora japonica	Chinese Scholar Tree Japanese Pagoda Tree	All	Tree: Decid.	50-75' high. Equal spread. Lvsfernlike, pest-free. Flswhite, clusters in late summer. Fruit-yellow pods.
Sorbus <u>aucupari</u> a	European Mountain Ash Rowan Tree	High Elevations North Coastal North Coast	Tree: Decid.	20-40' high. Equal spread. Lvsfernlike, red in fall. Flswhite, profuse, in clusters. Needs some summer water.
Tamarix aphylla	Salt Cedar, Athel Tree	Desert	Tree: Decid.	30-50' high. Fast-growing. Appears to be evergreen.

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Has a competitive root system. Tolerant of alka-

line soil.

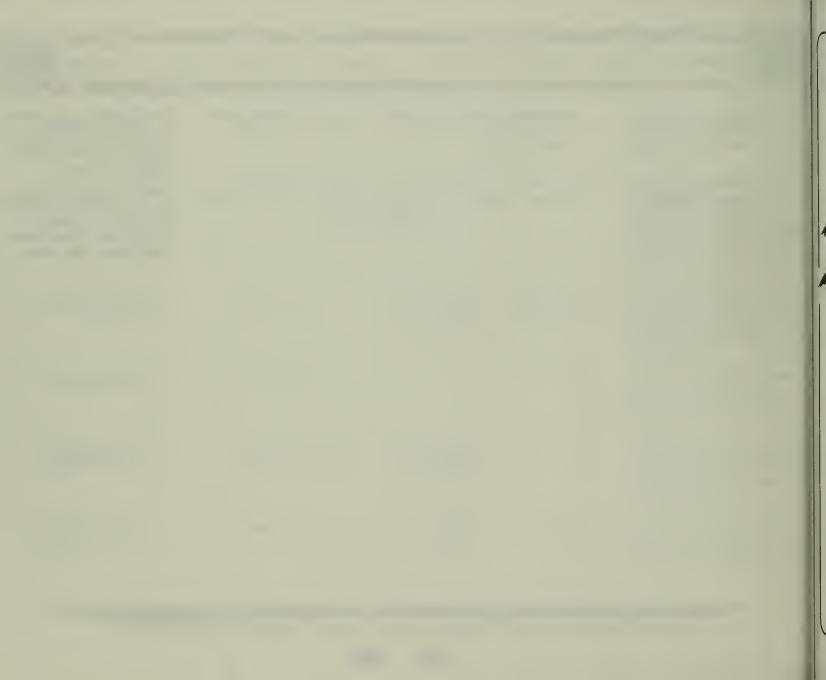
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* <u>Thuja</u> <u>plicata</u>	Giant Arborvitae Western Red Cedar	All But Desert	Tree: NLE	50'+ high. Fast-growing. Branches-drooping, lacy effect. Lvsgreen, scale- like needles.
*Torreya californica	California Nutmeg	All But High Elevations & Desert	Tree: NLE	Wide open pyramidal crown. Slow-growing. 15-50' high. Branches-horizontal, slender, drooping at tips. Fruit-plumlike, pale green w/ purple. Needs occasions summer watering.
<u>Ulmus</u> parvifolia	Chinese Elm	All But High Elevations & High Desert	Tree: BLE Semi-Dec. or Decid.	40-50' high. Equal spread. Trunk-peeling bark, mottle Lvspurplish in fall. Fls. & Fruit in fall. Need some water.
<u>Ulmus</u> pumila	Siberian Elm	All	Tree: Decid.	50-75' high. Equal spread. Lvs yellow in fall. Tolerant of wind. Needs some water.
*Umbellularia californica	California Bay California Laurel	All But High Elevations & High Desert	Tree: BLE f	20-25' high. Equal spreadi Lvsglossy, with dull,lt. green undersides. Pest fre Aromatic. Best w/ occasion summer watering.
*Yucca brevifolia	Joshua Tree	All But High Elevations	Tree: BLE	15-30' high. Slow-growing. Has few heavy branches. Fls Feb to April, green: white, in 1' clusters.

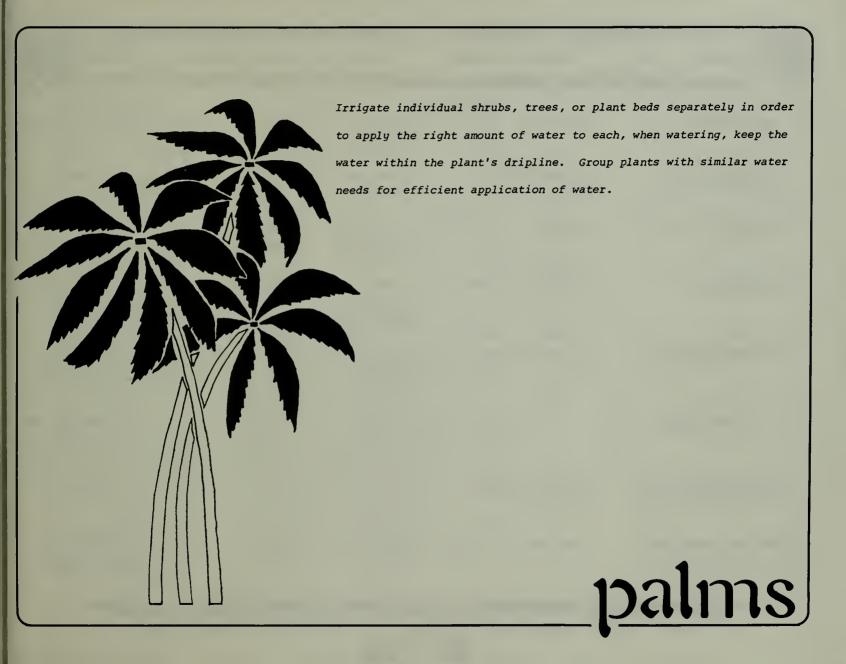
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BOTANICAL NAME	COMMON NAME	ZONES	PLANT TYPE	NOTES
Zelkova serrata	Japanese Zelkova Japanese Keaki Tree Sawleaf Zelkova	A11	Tree: Decid.	50-80' high. Equal spread. Vase-shaped. Needs occasional summer water. Lvselm-like, red fall color. Grow in full sun.
Zizyphus jujuba	Chinese jujube	All But High Elevations & North Coast	Tree: Decid.	20-30' high. Equal spread. Slow to moderate growth. Flsyellow, clusters, early summer. Fruit-date-

like. Needs some water.

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Butia capitata	Pindo Palm	All But High Elevations & High Desert	Palm	10-20' high. Slow-growing. Lvsgray-green, feathery, arching.
Chamaerops humilis	Mediterranean Fan Palm	All But High Elevations	Palm	20' high. 20' spread. Lvsgreen to bluish-green. Wind-resistant.
Cordyline australis	Dracaena	All But High Elevations & Low Desert	Palmlike Evergreen	20-30' high. Grow in any soil. Flsfragrant, in clusters, in late spring.
Erythea armata	Mexican Blue Palm	All But High Elevations Central Valley & High Desert	Palm	40' high. 6-8' spread. Lvssilvery blue. Fls creamy, wind-resistant. Slow-growing.
<u>Livistona</u> <u>chinensis</u>	Chinese Fountain Palm	All But High Elevations Central Valley & High Desert	Palm	15' high. Slow-growing. Lvs3-6', bright green, drooping edges. Self- cleaning.
<u>Livistona</u> <u>mariae</u>		All But High Elevations Central Valley & High Desert	Palm	10-15' high. Slow-growing. Lvs3-4' wide. Young plants have reddish leaves and stems.
Phoenix canariensis	Canary Island Date Palm	All But High Elevations & High Desert	Palm	60' high. 50' spread. Slow-growing. Heavy trunk.
Phoenix dactylifera	Date Palm	All But High Elevations & High Desert	Palm ss	Very tall. Slender trunk. Lvsgray-green, waxy, stiff leaflets. Suckers from base.

BOTANICAL NAME	COMMON NAME	ZONES	PLANT TYPE	NOTES 1
Phoenix humilis (or P. loureiri)		All But High Elevations & High Desert	Palm	10-18' high. Slow-growing. Lvsdark green, 10' long, flexible.
Phoenix sylvestris	Silver Date Palm	N. & S. Coast N. & S. Coastal	Palm	30' high. Single trunk, with old leaf bases. Lvsgray-green.
Sabal mexicana	Daxaca Palmetto	All But High Elevations Central Valley High Desert	Palm	30-50' high. Slow-growing. Slender trunk. Lvs fan- like.
Sabal minor	Palmetto	All But High Elevations Central Valley High Desert	Palm	6' high. Trunkless. Old leaves fold down at base.
<u>Sabal rosei</u>	Palmetto	All But High Elevations Central Valley High Desert	Palm	20' high. Slender trunk. Lvspale green. Fls pale green.
<u>Sabal</u> <u>texana</u>	Palmetto	All But High Elevations Central Valley High Desert	Palm	60-70' high. Lvslight green, 3-5' wide. Dense, round head.
Trachycarpis fortuneii	Windmill Palm	All But High Elevations	Palm	30' high. Fast-growing. Trunk dark, thicker at top, with hairy fiber. Lvs fanlike, 3' across.
*Washingtonia filifera	California Fan Palm	All But High Elevations	Palm	60' high. Moderate-growing. Open crown. Lvsfanlike, old leaves bend down to form skirt. Takes some drought but thrives on moisture.

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PLANT TYPE

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Washingtonia robusta

Mexican Fan Palm

All But High Elevations Palm

100' high. More slender leaf stalks shorter, more compact crown than W. filifera.

The climate, type and depth of soil, specifics and age of plants, and the depth of their root systems all help determine how much irrigation should occur. Older established trees and shrubs with deep root systems often do not require watering. Shallow-rooted plants such as turfgrass, ground covers and annuals have a more shallow soil reservoir and need watering more frequently.



shrubs

BOTANICAL NAME	COMMON NAME	ZONES	PLANT TYPE	NOTES
Abelia grandiflora	Glossy Abelia	All But High Elevations	Shrub: BLE or semi-Dec.	3-8' high. Equal spread. Lvsshiny, reddish bronze in spring and fall. Fls white or tinged pink. June to Oct. Needs some water.
Abeliophyllum distichum	White Forsythia	High Elevations	Shrub: Decid.	3-4' high. Equal spread. Lvsbluish-green. Purple buds in winter. Flswhite, aromatic in Feb. Grow in sun or light shade. Needs some water.
Acanthopanax sieboldianus	Five-leaved Aralia Angelica Shrub	High Elevations Desert Central Valley North Coast & North Coastal	Shrub: Decid.	10' high. Spiny. Arching branches. Lvsglossy, fan-like, divided into 5-7 leaflets. Yellow in fall. Needs occasional summer water.
Agapanthus africanus	Lily-of-the-Nile	All But High Elevations & High Desert	Shrub: BLE	1½' high (Fl. stalk). Fls blue, 20-50 in a cluster, in mid-summer to early fall. Needs some water.
Agave americana	Century Plant	Low Desert N. & S. Coast N. & S. Coastal Interior Valley	Shrub: Succulent t	15-40' high (Fl. stalk) Lvs6' long, with hooked spines, blue-green. Fls yellowish-green. Plant dies after bloom.
Aloe spp.	Aloe	All But High Elevations & High Desert	Shrub: Succulent	Clumps of fleshy pointed lvs. Flsorange, yellow or red, in clusters.

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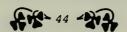
*Amelanchier alnifolia	Western Service Berry Saskatoon Service Berry	High Elevations	Shrub	12-15' high. Lvssmall bronzy red in spring, grn in summer, yellow to red in autumn. Flswhite, in clusters, in spring. Frttiny, bluish, June & July.
Amelanchier stolonifera	Service Berry, Shadbush	High Elevations	Shrub: Decid. wv	4'high. Dense, twiggy. Spread by underground roots. Red fall color. Flswhite, clustered in. early spring. Frt pur- plish-black berries. Eaten by birds. Needs some water.
*Arctostaphylos densiflora 'Howard McMinn'	McMinn Manzanita	Central Valley N. Coastal N. Coast Interior Valley	Shrub: BLE	30" high. 7' spread. mounding. Lvs small, glossy. Bark-smooth, reddish black. Fls whitish pink, Feb-April
*Arctostaphylos edmundsii	Little Sur Manzanita	All But High Elevations & Desert	Shrub/GC:BLE	4-24" high. 12' spread. Lvsroundish, lt. grn, with red stems. Needs some water. Flspink, in Dec-Jan.
Arctostaphylos 'Emerald Carpet'	Emerald Carpet Manzanita	All But High Elevations & Desert	Shrub:BLE	10-16" high. Low growing, compact. Moderately fast grower. Lvsshiny, oval, emerald-green, '4" long. Flspale pink, in March.

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BOTANICAL NAME	COMMON NAME	ZONES	PLANT TYPE	NOTES
Arctostaphylos 'Festival'	Festival Manzanita	All But High Elevations & Desert	Shrub: BLE	30" high. Spreading. Lvs½", oval, changes colors-grn, gold, russet, bronze, scarlet during fall-winter. Flswhite, w/rose-pink base, in March.
Arctostaphylos 'Greensphere'	Greensphere Manzanita	All But High Elevations & Desert	Shrub: BLE	4' high. 6'spread. Forms perfect sphere. Uniform growth. Lvssmall, dk. green, roundish.
*Arctostaphylos hookerii	Monterey Manzanita Hooker's Manzanita	All But High Elevations & Desert	Shrub: BLE	l½-4' high. 6'spread. Slow-growing. Lvs glossy, bright green. Fls white to pinkish, Feb-April. FrtBright red, shiny.
Arctostophylos 'Indian Hill'	Indian Hill Manzanita	All But High Elevations & Desert	Shrub: BLE	9-12" high. Low-growing. Moderately fast-growing. Tight & compact. Lvs grey-green, oval, small, 참" long. Flswhite, flushed pink.
*Arctostaphylos manzanita	Common Manzanita	All But High Elevations & Desert	Shrub/Tree: BLE	6-20' high. 4-10' spread. Bark-purplish red. Lvs shiny bright grn. Fls

white to pink, drooping clusters. Feb-April. Frt.-white to red.

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BOTANICAL NAME	COMMON NAME	ZONES	PLANT TYPE	NOTES
Arctostaphylos 'Sandsprite'	Sandsprite Manzanita	All But High Elevations & Desert	Shrub: BLE	14-16" high. Spreading. Lvs lt. grn, oval, new lvs red in fall, bronze in winter. Flsrose- pink in March. Frt-red berries.
Arctostaphylos 'Sea Spray'	Sea Spray Manzanita	All But High Elevations & Desert	Shrub: BLE	2' high. Spreading. Forms dense carpet. Lvsdk grn, w/pale grn iris around edge. Colorful in fall & winter. Flswhite, flushed pink in spring.
*Arctostaphylos uva-ursi	Bearberry	All But Desert	Shrub/GC: BLE	6-12" high. 15' spread. Lvsreddish in spring, glossy dk. grn in summer, bronze in fall. Fls tiny, pale pink. Frtshiny, bright red berries.
Arctostaphylos 'Winterglow'	Winterglow Manzanita	All But High Elevations & Desert	Shrub:BLE	2' high. Spreading.Fast- growing. Lvspale grn, oval. New growth coppery red in fall. All coppery red in winter. Flspink masses in March. Frt bright red in June.
Aronia arbutifolia	Red Chokeberry	High Elevations	Shrub: Decid.	6-10' high. Lvswhite-grn. Lvs red in fall. Fls white or tinged pink in April or May. Frt clus- ters of red berries.

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BOTANICAL NAME	COMMON NAME	ZONES	PLANT TYPE	NOTES 1
Aronia melanocarpa	Black Chokeberry	All	Shrub: Decid.	1½-3' high. Lvspale grn, red in fall. Fls white or pink clusters in late spring. Frt clusters of black berries. Best in full sun.
Aronia prunifolia	Purple Chokeberry	A11	Shrub: Decid.	10-12' high. Lvsred in fall. Flswhite or pink clusters in late spring. Frtpurple berries. Best in full sun.
Artemisia spp.		All	Shrub/Perennial BLE or Decid. f	Lvswhite or silvery. Grow in full sun.
*Artemisia californica	Coastal Sage California Sage Brush	A11	Shrub:BLE, sd	Gray-grn scented foilage. Tolerant of poor, shallow soil. Heat enduring.
*Artriplex canescens	Four-wing Saltbush	A11	Shrub:BLE f,ss	3-6' high. 4-8' spread. Lvsnarrow, gray. Toler- ates seaside conditions & alkaline desert soils.
*Atriplex lentiformis breweri	Brewer Saltbush	All But High Elevations & Desert	Shrub:BLE f,ss	5-7' high. 6-8' wide. Densely branched. Lvs oval, bluish-gray. Toler- ates seaside conditions
				and alkaline desert soil.
*Baccharis pilularis 'Consanguinea'	Coyote Bush	All But High Elevations	Shrub:BLE	4-10' high. 6-8' spread. Lvssmall, toothed.

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BOTANICAL NAME	COMMON NAME	ZONES	PLANT TYPE	NOTES
Berberis darwinii	Darwin Barberry	North Coast North Coastal	Shrub: BLE t	5-10' high. 4-7' spread. Fountainlike habit. Lvsdk grn. Fls orange- yellow, profuse. Frt dk blue berries. Need some water.
<u>Berberis</u> 'Golden Abundance'	Golden Abundance Barberry	All But High Elevations & Desert	Shrub: BLE	8' high. Equal spread. Lvsdk shiny green, yellow when young. Fls large, golden, aromatic on drooping racemes. Frt round, purple-blue.
<u>Berberis</u> <u>irwinii</u>	Dwarf Barberry	North Coast North Coastal	Shrub:BLE t	18" high. Fountainlike habit. Lvsdk grn. Needs some water.
<u>Berberis</u> <u>koreana</u>	Korean Barberry	A11	Shrub: Decid. t	4-6' high. Lvsred in fall. Flshanging clusters, yellow, small, in late spring. Frthanging clusters, red berries. Needs some water.
Berberis mentorensis	Mentor Barberry	North Coast North Coastal	Shrub:BLE or semi-Decid. t	7' high. Equal spread. Compact growth. Lvs dk. green. Flssmall, yellow. Needs some water. Frtdk red berries.
Berberis nevinii	Nevin's Barberry	All But High Elevations	Shrub: BLE	3-10' high. 6-10'spread. Flsyellow showy clusters, March-April. Frtyellow/ orange, June & July.

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BOTANICAL NAME	COMMON NAME	ZONES	PLANT TYPE	NOTES
Berberis thunbergii	Japanese Barberry	North Coast North Coastal	Shrub: Decid.	4-6' high. Equal spread. Arching branches, spiny. Lvsyellow, orange, or red in fall. Frtred berries. Needs some water.
Buddleia alternifolia	Fountain Butterfly Bush	All	Shrub: Decid.	12' high. Arching branches. Flslilac-purple, in small clusters, profuse, fragrant. Grow in full sun.
Buxus spp.	Boxwood, Box	Refer to Specific Species	Shrub: BLE	Small leaves. Takes clip- ping well. Needs some water. Soft, billowing shape when not clipped. Grow in full sun or shade.
Callicarpa dichotoma	Purple Beauty Berry	High Elevations	Shrub: Decid.	6' high. Lvs.& stems turn purplish in autumn. Fls pink, small, in mid-summer. Frtpinkish-voilet berries.
Callicarpa japonica	Beauty Berry	High Elevations	Shrub: Decid.	6-10' high. Lvsgolden in fall. Frtpurplish berries.
<u>Callistemon</u> <u>citrinus</u>	Lemon Bottle Brush	All But High Elevations & High Desert	Shrub: BLE	10-15' high. Lvscopper- colored when new. Fls6" long, bright red brushes.
*Calycanthus occidentalis	Western Spice Bush	All But High Elevations & Desert	Shrub: along streams	4-12' high. Lvsbright grn. Yellow in fall. Flsreddish brown, 2" across. Apr-Aug. Aromatic lvs & fls.

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BOTANICAL NAME	COMMON NAME	ZONES	PLANT TYPE	NOTES
Caragana aborescens	Siberian Pea-Shrub	All But S. Coast & S. Coastal	Shrub/Tree: Deciduous	20' high. 15' spread. Fast-growing. Spiny twigs. Flsyellow, aromatic in spring. Lvs composed of 4-6 roundish leaflets.
*Carpenteria californica	Bush Anemone	All But High Elevations & Desert	Shrub: BLE	3-6' high. Moderate grow- ing. Bark-older bark peels. Younger bark- purplish. Lvswhitish undersides. Flswhite, aromatic, May-Aug. Needs occasional summer water.
<u>Cassia</u> spp.	Senna	Refer to Specific Species	Shrub: BLE, Semi-Decid or Decid.	Flsyellow or golden. Infrequent but deep watering.
<u>Cassia</u> <u>artemisioide</u> s	Feathery Cassia	All But High Elevations & High Desert	Shrub: BLE	3-5' high. Lvscomposed of gray, needlelike leaf-lets. Flssulfur yellow in clusters, JanApr.
*Castanopsis spp.	Chinquapin	Refer to Specific Species	Shrub/Tree: BLE	Slow growing. Foliage attractive. Grow in sun.
*Ceanothus spp.	Ceanothus	Refer to Specific Species	Shrub:BLE wv	Short-lived. Browsed by deer.
*Ceanothus arboreus 'Ray D. Hartman'	Feltleaf Ceanothus	All But High Elevations & Desert	Shrub/Tree: BLE	10-15' high. 12-15' spread. Lvslarge, dk grn. Fls bright blue, in clusters March to May.

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*Ceanothus 'Concha'	Wild Lilac	N. Coast & S. Coast N.& S. Coastal Interior Valley	Shrub: BLE	6' high. Lvsdk. grn, wrinkled, semi-glossy. Flsdk blue, in round tight clusters.
Ceanothus 'Blue Buttons'	Blue Buttons Ceanothus	Interior Valley N. & S. Coast N. & S. Coastal	Shrub: BLE	12' high. Fast growing. Vaselike form. Lvs½-½, blackish-grn. Flspale blue, button-like, pro- fuse in March.
Ceanothus 'Blue Whisp'	Blue Whisp Ceanothus	N. & S. Coast N. & S. Coastal Interior Valley	Shrub: BLE	8' high. Greater spread. Lvspale grn, narrow, in tight rosettes. Aromatic. Flsice-blue, 3" long, along branches. In early April.
<u>Ceanothus</u> 'Fallen Skies'	Fallen Skies Ceanothus	N. & S. Coast N. & S. Coastal Interior Valley	Shrub/GC:BLE	9-14" high. Fast-growing. Prostrate. Lvsdk grn, round, leathery. Fls pale blue, abundant, early March.
*Ceanothus foliosus	Wavyleaf Ceanothus	N. & S. Coast N. & S. Coastal Interior Valley	Shrub: BLE	2-3' high. Lvswavy-edged, small, glossy, whitish undersides. Flspale to dk blue in dense clusters.
<u>Ceanothus</u> 'Frosty Blue'	Frosty Blue Ceanothus	All But High Elevations & Desert	Shrub: BLE	8' high. 10' spread. Lvsdk grn, deeply veined, 3/4"long. Flssky blue, frosted, on 3½" long spikes.

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BOTANICAL NAME	COMMON NAME	ZONES	PLANT TYPE	NOTES
*Ceanothus griseus	Carmel Ceanothus	All But High Elevations & Desert	Shrub: BLE f	Upright & high, w/low & spreading variety horizontalis. Lvsdk grn with gray undersides. Flsviolet blue in dense clusters.
Ceanothus griseus 'Santa Ana'	Santa Ana Ceanothus	All But High Elevations & Desert	Shrub: BLE	4-8' high. (Lower & spreading to 20' on slopes) Dense. Lvsdk grn, prominently veined. Fls midnight blue, in dense 2-4" clusters in spring.
* <u>Ceanothus</u> 'Joyce Coulter'	Coulter Ceanothus	N. & S. Coast N. & S. Coastal	Shrub: BLE	3' high. 12-20' spread. Lvs. and fls.resemble C. papillosus.
* <u>Ceanothu</u> s 'Julia Phelps'	Ceanothus	All But High Elevations & Desert	Shrub: BLE	6'8' high.8-10' spread. Flsrich cobalt blue, in clusters.
* <u>Ceanothus</u> papillosus	Wartleaf Ceanothus	N. & S. Coast N. & S. Coastal	Shrub: BLE	4-15' high. 15'+ spread. Lvsnarrow, warty, shiny, dk grn, with gray under- sides. Flsdeep blue, in small dense clusters.
Ceanothus rigidus 'Snowball'	Snowball Ceanothus	N. & S. Coast N. & S. Coastal Interior Valley	Shrub: BLE	6-7' high. Equal spread. Rounded. Branches-gray, intricate. Lvsdk grn, small. Fls white, abundant, in spring
*Ceanothus thrysiflorus	Blue Blossom	N. & S. Coast N. & S. Coastal	Shrub/Tree: BLE, ss	4-8' high. Flsblue, in 1-3" clusters, March to May. Grow in full sun, best near seaside.

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*Cercocarpus betuloides	Mountain Mahogany, Hardhack, Mountain Ironwood	All But High Elevations	Shrub/Tree; BLE	5-12' high. Lvswedge- shaped, pale undersides. Fruits-topped with feathery plume in fall.
Chaenomeles japonica	Japanese Quince	All But S. Coast & S. Coastal	Shrub: Decid.	3' high. Lvsbronzy in spring. Flsorange-red. Frtgreenish-yellow.
Chaenomeles speciosa	Flowering Quince	All But S. Coast & S. Coastal	Shrub: Decid.	5-6' high. Lvsbronzy in spring. Flsvarious colored hybrids. Frtgreenish-yellow. Grow in full sun.
Cistus corbariensis	White Rock Rose	All But High Elevations & High Desert	Shrub: BLE	2-5' high. Equal spread. Lvsgray-grn, crinkly, aromatic on warm days. Flswhite w/yellow centers in late spring. Best in sandy soil.
Cistus 'Doris Hibberson"	Pink Rock Rose	N. & S. Coast	Shrub: BLE	3' high. Equal spread. Compact. Foliage-gray-grn. Flspink, crinkly, 3" wide in June-July. Best in light sandy soil.
Cistus ladaniferus maculatus	Crimson Spot Rockrose	N. & S. Coast N. & S. Coastal	Shrub: BLE	3-5' high. Equal spread. Compact. Lvsdk grn. White undersides, aromatic. Flslarge, white w/ crimson spot, June-July.

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Cistus purpureus	Orchid Spot Rock Rose	N. & S. Coast N. & S. Coastal Interior Valley Central Valley	Shrub: BLE ss	4' high. Equal spread. Compact. Lvsgray, hairy undersides. Flsreddish- purple w/red spot in center, June-July. Toler- and of seaside conditions.
Coleonema pulchrum	Pink Breath of Heaven, Pink Diosma	All But High Elevations & Desert	Shrub: BLE	5' high. Lvsaromatic, heathlike, slender bran- ches. Flspink. Plant in full sun.
<u>Colutea</u> <u>arborescens</u>	Bladder Senna	All But N. & S. Coast	Shrub: Decid.	4-10' high. Fast-growing. Lvsdivided into leaf- lets. Flsyellow, in clusters, from late spring to early fall. Fruit- inflated, bronze seed pods.
*Comarostaphylos diversifolia	Summer Holly	All But High Elevations & Desert	Shrub: BLE	6-15' high.Bark-gray. Lvs leathery, shiny, white undersides, rolled under- sides. Slow growing. Fls small, white, Apr-May. Frtclusters of red berries.
Comptonía peregrina	Sweet Fern	High-Mid Sierras	Shrub: Decid.	<pre>1½-4' high. Lvsslender, aromatic, dk grn. Grow in acid soil and full sun.</pre>

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Convolvulus cneorum	Bush Morning Glory	All But High Elevations & High Desert	Shrub: BLE	2-4' high. Equal spread. Lvssilvery gray, round- ish. Flswhite or pink- tinted with yellow throats, funnel shaped. In May- Sept.
Coprosma kirkii		Central Valley N. & S. Coast N. & S. Coastal	Shrub: BLE ss	2-3' high. Spreading. Lvsyellow-green, small, narrow. Tolerates sea- side conditions.
Cordyline australis	Dracaena	All But High Elevations & Low Desert	Shrub: BLE	In youth, a fountain of 3' long swordlike lvs.; in maturity, a 20-30' tree. Flstiny, aromatic clustered in late spring.
<u>Cornus</u> <u>alba</u>	Tatarian Dogwood	All But Desert	Shrub: Decid.	10' high. Wide-spreading. Bright red twigs. Lvs red in fall. Flswhite, small, clustered in Apr- May. Frt bluish white. Needs some water.
<u>Cornus</u> <u>mas</u>	Cornelian Cherry	High Elevations	Shrub: Decid. wv, e	15-20' high. Early blooms. Flssmall, yellow, clustered in FebMar. Lvs yellow to red in fall. Frtedible, scarlet. Needs some water.

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<u>Cornus</u> <u>racemosa</u>	Gray Dogwood	All Zones, incl. Foothill Region, not Higher Elev.	Shrub: Decid.	15' high. Twigs-gray. Lvs purplish in fall. Flssmall, white, in flat clusters in mid-June. Frt white berries on red stalks, early summer. Needs some water.
<u>Correa</u> <u>pulchella</u>	Australian Fuchsia	N. & S. Coast N. & S. Coastal Interior Valley	Shrub: BLE	2-2½' high. 8' spread. Lvsgrn with gray-grn undersides. Flslt. pink, small, Nov-April. Needs some water.
Corylus avellana	European Filbert	All But Desert & S. Coastal S. Coast	Shrub: Decid.	10-15' high. Equal spread. Lvsroundish, yellow in fall. Male flower-catkins, turn yellow in early spring. Needs some water.
Corylus maxima purpurea	Filbert	High Elevations	Shrub/Tree; Decid,	15-25' high. Yellow, showy, male catkins in spring. Frtedible, in fall. Lvs dk purple. Needs some water.
Cotoneaster glaucophylla	Bright-bead Cotoneaster	All But High Elevations	Shrub:BLE or Semi-Decid.	6'high. 6'spread. Arching, oval, gray-grn lvs. Fls pinkish, Frt-dull red- berries, clustered.
Cotoneaster lactea	Red Clusterberry	All But High Elevations	Shrub: BLE	6-8'high. Lvsleathery, with white, hairy under-sides. Flswhite, clustered. Frtred, clustered, long-lasting.

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BOTANICAL NAME	COMMON NAME	ZONES	PLANT TYPE	NOTES
<u>Cotoneaster</u> <u>rotundifolia</u>	Redbox Cotoneaster	All But High Elevations	Shrub: BLE or Semi-Decid.	5-8' high. Lvsdk., glossy, roundish. Fls white. Frtscarlet, long-lasting.
Crassula argentea	Jade Plant	N. & S. Coast N. & S. Coastal	Shrub: Succulent	Up to 9' high. Stout trunk. Lvsthick, oblong, glossy, bright grn. Fls clustered, pink, Nov- April.
(1) <u>Cytisus praecox</u>	Moonlight Broom Warminster Broom	All But High Desert & S. Coast	Shrub: BLE Fire Hazard	3-5' high. 4-6' spread. Compact growth. Grn twigs. Flspale yellow to white, March to Apr., invasive. Needs some water.
(1) Cytisus scoparius	Scotch Broom	All But High Elevations S. Coast & Desert	Shrub: BLE Fire Hazard	4-6' high. Twigs-grn. Fls bright yellow, in spring. Many hybrids, variety of flower colors. Invasive.
* <u>Dendromecon</u> <u>harfordii</u>	Island Bush Poppy	All But High Elevations & Desert	Shrub/Tree: BLE	6-20' high. Lvsgray-grn. Flsbright yellow, poppy-like, Jan-Sept. Requires good drainage.
*Dendromecon rigida	Bush Poppy	All But High Elevations & Desert	Shrub: BLE	2-8' high. Bark-shreddy, yellowish-gray or white. Lvsgray-grn. Fls bright yellow, poppylike, March-June. Requires good

⁽¹⁾ Most Brooms are highly invasive plants which are harming natural plant communities. Planting of Scotch Broom (Cytisus scoparius), French Broom (Cytisus monspessulanus) and Spanish Broom (Spartium junceum) is particularly discouraged.

drainage.

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<u>Deutzia</u> <u>gracilis</u>	Slender Deutzia	High Desert High Elevations Central Valley N. Coast N. Coastal	Shrub: Decid.	3' high. 5' spread. Slender arching branches. Lvsbright grn, toothed edges, Flswhite, clus- tered, in May. Needs some water.
<u>Deutzia lemoinei</u>	Lemoine Deutzia	High Desert High Elevations Central Valley N. Coast N. Coastal	Shrub: Decid.	6' high. Lysfinely- toothed. Flswhite, tinged pinkish, in large clusters, in late spring. Needs some water.
<u>Deutzia</u> <u>rosea</u>	Rose-panicled Deutzia	Same as above	Shrub: Decid.	3-4' high. Lvsfinely toothed. Flspinkish outside, whitish inside, in clusters in early summer. Needs some water.
<u>Deutzia</u> <u>scabra</u>	Fuzzy Deutzia	Same as above	Shrub: Decid.	7-10' high. Several varie- ties. Flswhite or pink- ish in narrow, upright clusters. Needs some water.
* <u>Diplacus</u> <u>longiflorus</u>	Shrubby Monkey Flower	All But High Elevations & Desert	Shrub: BLE sd	<pre>1-4' high. Erect, branch- ing. Lvsglossy, sticky, dk grn. Fls-tubular, cream to orange-yellow.</pre>
<u>Dodonaea viscosa</u> & varieties	Hopseed Bush, Hop Bush	All But High Elevations & High Desert	Shrub: BLE	12-15' high. Equal spread. Fast-growing. Lvswillow-like. Fruits-winged, creamy to pinkish. Wide tolerance to growing conditions.

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Echium fastuosum	Pride of Madera	All But High Elevations & Desert	Shrubby Perennial	3-6' high. Lvshairy, gray-grn, narrow. Flsspikes of blue-purple fls. May-June.
Elaeagnus angustifolia	Russian Olive, Oleaster	High Elevations Central Valley Interior Valley Desert	Shrub: Decid.	12-15' high. Fast-growing. Lvssilvery gray. Fls yellow, tiny, aromatic in early summer.
Elaeagnus multiflora	Cherry Elaeagnus, Gumi	A11	Shrub: Decid. wv	9' high. Smog-resistant. Flspale yellow, fragrant in late spring. Frtred, cherrylike, attract birds.
Elaeagnus pungens	Thorny Elaeagnus	All But High Elevations	Shrub: BLE t	8-15' high. Thorny, impene- trable. Lvswavy-edged. Flswhite, small, fra- grant, in late fall. Frtred berries in spring.
Elaeagnus umbellata	Autumn Elaeagnus	High Elev. & Foothills	Shrub: Decid.	12-15' high. Lvsdk grn with silvery undersides. Flstiny, whitish, fragrant in late spring. Frtberries brown, turning to red.
*Eriogonum arborescens	Santa Cruz Island Buckwheat	N. & S. Coast N. & S. Coastal Interior Valley	Shrub: BLE	3-4' high. 4-5' spread. Bark-shreddy gray to red- dish. Lvsnarrow, gray- green. Flspale pink to rose, in flat clusters, May to Sept.

^{*} SHRUBS * SHRUBS * SHRUBS * SHRUBS * SHRUBS * SHRUBS *

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Eriogonum giganteum	St. Catherine's Lace	N. & S. Coast N. & S. Coastal Interior Valley	Shrub: BLE	3-8' high. 3-8' spread. Lvsgrayish white, oval. Flspale pink to rose in flat clusters, long bloom- ing period. Best in light soils.
Erythrina bidwillii	Bidwill's Coral Tree	Central Valley N. & S. Coast N. & S. Coastal Interior Valley	Shrub: Decid. t	8-10' high. Equal spread. Lvshave 3 leaflets. Thorny branches. Fls spikes up to 2'long, red, in midsummer & through- out the year.
Eucalyptus pulverulenta	Dollar Leaf Eucalyptus Silver Mountain Gum	All But High Elevations	Shrub: BLE	15-30' high. Lvssil- very-blue. Flstiny, white, in mid-winter.
Euonymus alatus compactus	Dwarf Winged Euonymus, Burning Bush	High elevations Central Valley North Coastal	Shrub: Decid.	4-5' high. Densely branched. Stems have corky ridges-wings. Lvsturn scarlet in fall. Frtscarlet seed capsules, orange-centered. Needs some water.
Euryops sp.	Euryops	Refer to Specific Species	Shrub; BLE	Some to 3'; others 5-6' high. Daisy flowers, long blooming.
Exochorda spp.	Pearlbush	High Elevations Central Valley N. Coastal N. Coast	Shrub: Decid.	Grow in full sun. Fls clusters of pearl-shaped white buds, open in mid- spring. Needs some water.

^{*} SHRUBS * SHRUBS * SHRUBS * SHRUBS * SHRUBS * SHRUBS *

Forsythia spp.	Forsythia	High Elevations Central Valley High Desert N. Coastal	Shrub: Decid. pt	Graceful branches. Fls∴yellow, in early spring. Tolerant of city conditions. Needs some water.
*Fouquieria splendens	Ocotilla	Desert Interior Valley	Shrub: Decid. sd, t	8-25' high. Stiff gray stems furrowed, thorny. Lvsfleshy roundish. Flstubular, red, in long clusters after rain in summer.
*Fremontodendron 'California Glory'	Flannel Bush	All But High Elevations	Shrub: BLE	10-20' high. Lvsleathery, 3-lobed. Flsyellow inside, tinged red outside. Prolific bloom over long period. Fastgrowing. Do not water once established.
*Fremontodendron mexicanum	Southern Flannel Bush	All But High Elevations	Shrub: BLE	6-20' high. Fast-growing. Lvs3-5' lobes. Scruffy growth. Flsyellow, tinged with orange.
*Fremontodendron californicum	Common Flannel Bush	Central Valley Desert	Shrub/Tree: BLE	6-20' high. Fast-growing. Flslemon yellow, May-June. Lvsroundish, leathery, dk green.
*Garrya elliptica Garrya elliptica 'James Roof'	Coast Silktassel James Roof Silktassel	Central Valley N. Coast N. Coastal Interior Valley	Shrub: BLE WV	5-10' high. Flsshowy, greenish or yellowish catkins, 2-12" long in DecFeb. Needs some water. FrtSilk berries in winter

ZONES

PLANT TYPE

NOTES

*Gaultheria shallon	Salal	All	Shrub: BLE wv	2-10' high. Will grow in sun or part shade. LvsRound, glossy, bright green. Flswhite-pinkish, bell-like, on reddish stalks, in 6" clusters, Mar to June. Frtblack berries. Attracts birds.
<u>Genista</u> <u>aethnensis</u>	Mt. Aetna Broom .	N. Coast N. Coastal Central Valley Interior Valley Low Desert	Shrub Fire Hazard	15' high. Stems-green, slender, nearly leafless. Flsyellow, aromatic, July-August.
<u>Grevillea</u> <u>lanigera</u>	Wooly Grevillea	N. & S. Coast N. & S. Coastal Interior Valley	Shrub: BLE	3-6' high. 6-10' spread. Mounding plant. Foliage gray-green.
<u>Grevillea</u> <u>Fosmarinifolia</u>	Rosemary Grevillea	All But High Elevations & High Desert	Shrub: BLE	6' high. Equal spread. compact. Lvsnarrow, dk grn with silvery undersides. Flsred, in clusters, in fall and winter. Best in sandy soils.
<u>Grevillea</u> <u>thelemanniana</u>	Hummingbird Bush, Spider-net Grevillea	All But High Elevations & Desert	Shrub: BLE	5-8'high. Equal spread. Rounded. Graceful. Lvs dk grn. Flsbright, red, tipped yellow, in clusters, can bloom any time. Best in sandy soils.

Hakea laurina	Sea Urchin Tree	All But High Elevations & High Desert	Shrub:Tree: BLE	30' high. Lvsnarrow, gray-green. Flscrimson, with golden stamens, in clusters, in winter.
<u>Hakea</u> <u>suaveolens</u>	Sweet Hakea	All But High Elev. & High Desert	Shrub: BLE	10-20' high. Dense, upright. Lvsstiff, needlelike, dk grn. Flswhite, small, aromatic, in dense, fluffy clusters, in fall and winter.
<u>Halimium</u> <u>lasianthum</u>	Yellow Rockrose	All But High Elevations & High Desert	Shrublet: BLE	2-3' high. Spreading. Lvs.small, gray-green. Flsbright ylw w/brownish prplblotch at base of petals in loose clusters in spring.
<u>Hebe</u> spp.	Hebe Species	N. & S. Coast N. & S. Coastal Interior Valley	Shrub: BLE ss	Used for form & foliage. Some give good flower display. Tolerant of sea- side conditions.
Helianthemum nummularium	Sunrose	All	Shrublet: BLE	6-8" high. 3' spread. Lvssmall, glossy grn, with fuzzy gray undersides Flssunny colors, Apr- June.
* <u>Heteromeles</u> <u>arbutifolia</u>	Toyon	All But High Elevations	Shrub/Tree: BLE f	6-10'. Lvsleathery, glossy grn. Flswhite, small, in flat clusters, June to July. Frtred berries in winter.

<u>Hippophae</u> rhamnoides	Sea Buckthorn	High Elev.	Shrub: Decid. ss, t	8-12' high. Thorny. Lvssilvery green. Frt masses of bright orange berries along stems of female bushes.
*Holodiscus discolor	Cream Bush Ocean Spray	High Elevations North Coast	Shrub: Decid.	3-20' high. Will grow in sun or part shade. Lvstriangular, with white undersides. Flscreamy, small, in up to 12" clusters, May to June. Fade to tannish gold and brown.
Kerria japonica	Kerria	All But South Coast & South Coastal	Shrub: Decid.	3-5' high. Densely branched. Twigs-green. Lvsyellow in fall. Flsyellow, in midspring. Grow best in light shade. Needs some water.
<u>Kolkwitzia</u> <u>amabilis</u>	Beauty Bush	All But Desert, S. Coast & S. Coastal	Shrub: Decid.	6-10' high. Fountain-shaped. Bark-brown, peeling. Lvsgray-green; dull red in fall. Flspink with yellow throats, in clusters, profuse in early spring. Needs some water.
* <u>Larrea</u> <u>divaricata</u>	Creosote Bush	Desert Interior Valley	Shrub: BLE	4-8' high. Upright. Lvs leathery, yellow-grn to dk grn. Flsyellow, small. Fruit-roundish, small.

BOTANICAL NAME	COMMON NAME	ZONES	PLANT TYPE	NOTES
Lavandula officinalis	English Lavender	A11	Shrub: Semi- Dec.	3'high. Lvsgray, linear aromatic. Flssmall, lavender in spikes, 2" long, aromatic, in summer.
Leptospermum laevigatum	Australian Tea Tree	N. & S. Coast N. & S. Coastal Interior Valley	Shrub/Tree: BLE	30' high. Branches grace-ful, drooping. Bark-gray. Lvsvery small. Flswhite, small, profuse in spring.
Leptospermum laevigatum 'Compactum'	Compact Australian Tea Tree	N. & S. Coast N. & S. Coastal Interior Valley	Shrub: BLE	8' high. 6' wide. Same as above but fewer flowers.
Lespedeza bicolor	Shrub Bush Clover	All	Shrub: Decid.	6-10' high. Grow best in sun. Lvshave 3 leaflets. Flslight-purple, in mid-summer.
<u>Lespedeza</u> <u>sieboldii</u>	Purple Bush Clover	All	Shrub: Decid.	6-10' high. grow best in sun. Lvs. have 3 leaflets. Flsdark purple, in late summer, and early fall.
Leucophyllum frutescens	Texas Ranger	All But High Elevations	Shrub: BLE	3-8' high. Mound-shaped. Lvssilvery, feltlike. Flspinkish-purple, bell-shaped, in late spring and summer. Grow in full sun.

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<u>Leucothoe</u> <u>fontanesiana</u>	Drooping Leucothoe	N. Coast N. Coastal	Shrub: BLE	3-5' high. Moundlike, with arching branches. Lvsnew growth is bronzy grn, dk grn in summer. Flstiny, white, pendant clusters. Needs some water.
Ligustrum spp.	Privet Species	Refer to Specific Species	Shrub: Decid. or BLE	Flsabundant, white, in clusters in late spring, early summer, aromatic. Fruitsmall, blue-black berries.
Lonicera spp.	Honeysuckle species	Refer to Specific Species	Shrub: Decid. or BLE	Flstubular, aromatic Easily grown.
*Lupinus arboreus	Lupine	N. Coast S. Coast	Shrub: BLE	3-8' high. Lvspalmate. Flsusually yellow, sometimes lilac or bluish, in clusters, March to June.
<u>Lysiloma</u> thornberi	Feather Bush	Low Desert N. & S. Coast N. & S. Coastal Interior Valley	Shrub: Decid. or BLE	12' high. Lvsfinely cut, bright green. Flswhite, tiny, May-June. Frtflat seed pods.
*Mahonia aquifolium (and M. a. 'Compacta') and other varieties	Oregon Holly Grape	All But S. Coast & S. Coastal	Shrub: BLE e, wv	2-6' high. Spreading. Lvsglossy, with 5-9 leaflets, holly-like. Become bronze in cold weather. Flsexcellent, bright, yellow clusters in spring. Frtgrapelike, bluish black, edible berries.

BOTANICAL NAME	COMMON NAME	ZONES	PLANT TYPE	NOTES
*Mahonia nervosa	Longleaf Mahonia	All But Desert	Shrub: BLE e, wv	2-6' high. Spreading. Lvs glossy, bristle-toothed, green, 7-21 leaflets. Flsyellow, upright clusters, in April to June. Fruit-blue-black.
*Mahonia pinnata	California Grape Holly	All But High Elevations & Desert	Shrub: BLE e,wv	2-6' high. Spreading, Lvs glossy, green leaflets, crinkly, bronzy in winter. Flsyellow, in clusters, in spring. Fruit-blue- black, edible.
*Myrica californica	Pacific Wax Myrtle	N. S. Coast N. & S. Coastal	Shrub or Tree: BLE	Up to 30' high. Use for screen or hedge. Lvsglossy, dk green, pale undersides. Flsinconspicuous, in spring. Frtpurplish nutlets, in fall.
Myrtus communis	Myrtle	All But High Elevations	Shrub: BLE	5-8' high. Rounded bush. Lvsthick, dk green. Take shearing well, aroma- tic. Flsfuzzy, white aromatic in summer. Frt blue-black berries in fall.
<u>Nerium oleander</u>	Oleander, Rosebay	Central Valley N. & S. Coastal Interior Valley	Shrub: BLE f, pt, ss	8-12' high. Grow in full sun. Lvsnarrow, shiny, dk green. Fls aromatic, large clusters, from early summer to mid-autumn. Tolerate salt spray and city conditions.

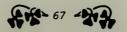
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Frt.-Bright red berries.

Ochna serrulata	Mickey Mouse Plant, Bird's Eye Bush	N. & S. Coast N. & S. Coastal Interior Valley	Shrub: BLE	4-8' high. Equal spread. Slow-growing. Ivsleathery, deep green, bronzy in spring. Flsyellow. Frtblack, glossy.
Olearia haastii	New Zealand Daisy Bush	N. Coast N. Coastal	Shrub:BLE	9' high. Greater spread. Needs some water. Lvs dk. evergreen to grayish green, leathery. Flswhite daisylike, aromatic, in sun
<u>Opuntia</u> spp.	Prickly Pear Species	Refer to Specific Species	Cactus t	Either have flat broad joints or cylindrical joints. flslarge and showy. Fruitberry. Desert plant.
<u>Paeonia</u> <u>suffruticosa</u>	Tree Peony	All But Desert, S. Coast & S. Coastal	Shrub: Decid.	3-6' high. Equal spread. Lvsgray-green, deeply lobed. Fls6-12' across, many colors and types, in late spring. Needs some water.
Phormium tenax	Flax	All But High Elevations	Shrub: BLE	Lvs:9' long, 5" wide, swordlike. Flsdk. red to yellowish in clusters on reddish-brown flower stalks. Needs some water.
Photinia serrulata	Chinese Photinia	All But High Elevations, N. & S. Coast	Shrub/Tree: BLE	20' high. Grow in full sun. or lt.shade. Lvsreddish-bronze when new. Deeply saw toothed. Flswhite, small, in flat clusters, in spring

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Physocarpus opulifolius	Eastern Ninebark	High Elev.	Shrub: Decid.	9' high. Used as a filler shrub. Twigs-bark exfoliating. Flssmall, white or pinkish in clusters, early June. Frt reddish to brown capsules. Needs some water.
Pittosporum sp.	Pittosporum	All But High Elevations & Desert	Shrub: BLE	Many sizes and different leaf textures; versatile shrubs.
Pittosporum phillyraeoides	Weeping Pittosporum, Willow Pittosporum	N. & S. Coast N. & S. Coastal Interior Valley Low Desert	Shrub: BLE	15-20' high. Branches deeply drooping. Lvspale green. Flsyellow, tiny, in late winter or early spring. Grow in full sun.
Pittosporum crassifolium	Pittosporum	All But High Elevations & Desert	Shrub: BLE	25' high. Lvsgray-green, rolled edges. Flsmaroon, little, in clusters, in late spring.
Pittosporum viridiflorum	Cape Pittosporum	N. & S. Coast N. & S. Coastal	Shrub: Tree: BLE	25' high. Lvsrolled edges. Flsyellowish-green, fragrant, in dense clusters. Frtorange-yellow.
Plumbago capensis (or P. auriculata)	Cape Plumbago	All But High Elevations & High Desert	Shrub: Semi- Dec.	2-3' high with 4-5' spread. (10' high in frost-free areas. Lvslight green. Flsblue or white in 3-4" clusters. Grow in full sun.

Prunus lusitanica

NOTES _

6-60' high. Lvs.-glossy, 5"

long. Fls.-white, in 10'

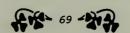
racemes, in May. Frt.-in

summer, purplish berries.

PLANT TYPE

1'				
Plumeria rubra	Frangipani	•	Shrub/Tree: Deciduous	Thick branches. Lvsthick, pointed, clustered near branch tips. Flslarge, red or purplish, April to November, aromatic.
<u>Poinciana</u> gilliesii	Bird-of-Paradise Bush		BLE	10' high. Fast-growing. Lvs finely cut, filmy. Fls yellow, with red stamens in clusters, all summer.
Portulacaria afra	Elephant's Food, Purslane Tree	N. & S. Coast N. S. Coastal	Shrub: Succulent	12' high. Equal width. Fast-growing. Resembles jade plant.
Potentilla arbuscula	Bush Cinquefoil	All But S. Coast & S. Coastal	Shrub: Decid.	2-4' high. Lvsgray-green. Flsyellow or white, from early summer to late fall.
*Potentilla fruticosa	Bush Cinquefoil	All But S. Coast & S. Coastal	Shrub: Decid.	2-4' high. Lvsgray-green. Flsyellow or white, from early summer to late fall. Needs little water.
Prunus caroliniana	Carolina Laurel Cherry	All But High Elevations	Shrub/Tree BLE	12-20' high. Fast-growing. Lvsshiny, dk.green, dense. Flstiny, white, small clusters, in early spring. Needs some water. Frt purplish black berries.

Portugal Laurel



All But High

Elevations

& Desert

Shrub : BLE

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				24
Punica granatum	Pomegranatevarieties	All But High Elevations	Shrub: Decid. e	Various sizes - 3-10' high. Lvsslender, glossy, red- dish in spring, yellow in late fall. Flslarge, red. Fruit-edible.
Raphiolepis indica 'Rosea'	Pink Indian Hawthorn	All But High Elevations & Desert	Shrub: BLE	3-5' high. 5-6' spread. Lvsleathery, glossy, pointed, bronzy when new. Flslt to medium pink, profuse, fall to spring.
<u>Rhamnus</u> <u>alaternus</u>	Italian Buckthorn	All But High Elevations	Shrub: BLE f	12-20' high. Equal spread. Fast-growing. Lvsoval, shiny. Flsgreenish yellow, tiny, in April. Fruit-black.
*Rhamnus californica	California Coffeeberry	All But High Elevations	Shrub/Tree: BLE	3-15'high. Upright or spreading. Lvspale under- sides. Frtlarge berries, green to red to black.
*Rhamnus crocea	Redberry	N. Coast N. Coastal Interior Valley	Shrub : BLE	2-6' high. Spreading. Stiff, spiny branches. Lvsglossy, golden undersides. Frtsmall, bright red, August-October.
Rhamnus frangula	Alder Buckthorn	High Elevations Elevations & Desert	Shrub/Tree Deciduous	12-18' high. Equal spread. Thornless. Lvsshiny, yellow in fall. Frtchanges from green to yellow to red to black.

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in hot interior valleys.

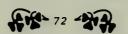
Rhodotypos scandens	Jetbead	High Elev.	Shrub: Decid.	3-5' high. Arching branches Lvslt green. Flswhite, late spring to midsummer. Frtshiny, black berries.
Rhus copallina	Shining Sumac	All But N. & S. Coast	Shrub : Decid.	30' high. Lvslustrous green scarlet in fall. Flsgreen, in pyramidal spikes, in early Aug. Frtcrimson, fall/winter.
Rhus glabra	Smooth Sumac	High Elevations Central Valley N. Coast N. Coastal	Shrub: Decid.	9-15' high. Lvsred in fall. Flsgreenish, in pyramidal spikes in early July. Frtscarlet, in fall & winter.
*Rhus integrifolia	Lemonade Berry	N. & S. Coast N. & S. Coastal	Shrub : BLE f	3-10' high. Equal width. Lvsleathery. Fls white or pinkish, in dense clusters Feb-March. Frtreddish. Best on hills near coast.
*Rhus laurina	Laurel Sumac	S. Coast S. Coastal	Shrub : BLE wv	6-15' high. Rapid growth Branchlets - red. Lvs laurel-like, lt. green w/ pink stems & margins, aro- matic. Flswhite, in clus- ters, May-July. Frtwhite berries, attract birds.
*Rhus ovata	Sugar Bush	All But High Elevations	Shrub : BLE	2½-10' high. Upright or spreading. Lvsglossy. Fls white to pinkish, dense clusters, March to May. Best

^{*} SHRUBS * SHRUBS * SHRUBS * SHRUBS * SHRUBS * SHRUBS * SHRUBS *

BOTANICAL NAME	COMMON NAME	ZONES	PLANT TYPE	NOTES
Rhus typhina	Staghorn Sumac	High Elev. N. Coast N. Coastal Central Valley	Shrub: Decid.	30' high. Lvsred in fall. Flsgreenish, in pyramidal spikes, in late June. Frtcrimson, in fall & winter.
ibes alpinum	Alpine Currant	High Elev.	Shrub : Decid.	7' high. Dense, compact, uright. Lvsdk green, fine texture. Flsgreenish-yel in early May. Frtscarlet
Ribes sanguineum	Flowering Currant	All But High Elevations & Desert	Shrub : Decid. sd	3-12' high. Lvsdk green. Flsreddish in small clus ters, in late spring. Frt. black berries, late summer Grow in shade.
Ribes <u>speciosum</u>	Fuchsia Flowering Gooseberry	All But High Elevations & Desert	Shrub: Semi- Dec. sd,t	3-6' high. Erect. Stems sp Flsfuchsia-like, droopin deep crimson, Jan. to May. Frtbristly. Good in ligh

shade. Ribes viburnifolium Evergreen Currant, All But High 3' wide. 12' spread. Stems Shrub : BLE Catalina Perfume Elevations & wine-red. Lvs.-aromatic. Fls.-lt. pink to purplish, Desert Feb to April. Frt.-red berry. Grow in shade. Robinia hispida 3-4' high. Grow in full Rose Acacia, Moss A11 Shrub: Decid. sun . Lvs.-7-13 leaflets. Locust Fls.-pink, in pendant clusters, late spring/early summer.



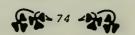


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<u>Rhododendron</u> spp.	Vireja Rhododendron	Above 20° F.	Shrub	Rhododendrons from New Zealand, resist drought. Flsattractive in variety of colors.
Rosmarinus officinalis	Rosemary	All But High Elevations	Shrub: NLE	5-6' high. Grow in full sun. Lvsneedlelike aromatic. Flspale blue, aromatic in winter or early spring.
Rubus vitifolius	California Blackberry	All But High Elevations & Desert	Shrub : Decid.	6' high. Thorny. Frt edible black berries in mid-summer.
Salix tristis	Dwarf Gray Willow	All But N. & S. Coast	Shrub : Decid.	lh' high. Lvsgrayish, with white undersides. Use for poor soil on a bank or in a rock garden.
<u>Salvia greggii</u>	Autumn Sage	All But High Elevations	Shrub: Decid.	3' high. Flsred to purplish red, 1" long, in 4" clusters, in fall.
Salvia <u>leucantha</u>	Mexican Sage	Desert N. & S. Coast N. & S. Coastal Interior Valley	Shrub	3-4' high. Equal spread. Graceful habit. Flswhite, small, on slender, velvety, purple spikes.
*Salvia leucophylla	Purple Sage	Desert N. & S. Coast N. & S. Coastal Interior Valley	Shrub: Semi- Dec.	2-6' high. Stems-white. Lvsgray, crinkly. Flslt. purple, in 3-5 whorled clusters, May-June.

BOTANICAL NAME	COMMON NAME	ZONES	PLANT TYPE	NOTES
*Sambucus caerulea	Blue Elderberry	High Elevations Central Valley Desert, N. Coast N. Coastal	Deciduous	4-10' high. (50' high tree) Lvs5-9 leaflets. Fls small white, in flat- topped clusters, Apr to Aug. Frtblue-black.
Senecio cineraria	Dusty Miller	All	Shrubby Perennial	2-2½' high. Spreading. Lvs wooly, white. Flsyellow, small, in clustered heads.
*Simmondsia chinensis	Jojoba, Goatnut	Desert Interior Valley S. Coast & S. Coastal	Shrub:BLE e	3-6' high. Dense, spreading. Lvsdull gray-green, leathery. Frtedible, nutlike.
Sophora spp.	Sophora	Refer to Specific Species	Shrub/Tree: Decid. & BLE	Most species tolerate heat & drought. Lvsdivided into numerous leaflets. Flsdrooping clusters of sweet pea shaped flowers.
(1) <u>Spartium junceum</u>	Spanish Broom	All But High Elevations	Shrub : Decid.	10' high. Lvsbluish-green. Flsbright yellow, profuse in summer, aromatic. Can become a weed.
Spiraea spp.	Spirea species	High Elevations Central Valley N. Coast & N. Coastal	Shrub : Decid.	Variety of form and size. Flstiny, white, pink, or red, in masses. Need some water.
Stephanandra incisa	Cut-leaved Stephanandra	High Elev. incl. foothills	Shrub: Decid.	4-5' high. Equal spread. Lvstinged red in spring, new growth bronzy in summer, red purple or orange in fall.
(1) See page 56				Grow in shade.

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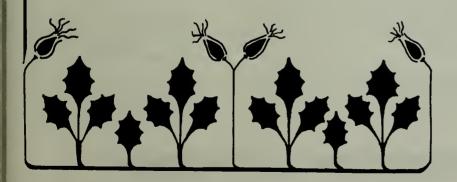
BOTANICAL NAME	COMMON NAME	ZONES	PLANT TYPE	NOTES
Symphoricarpos albus (S. rivularis)	Common Snowberry	A11	Shrub: Decid.	3-6' high. Arching stems. Flstiny, pink, in early summer. Frtsnow-white, waxy berries, cling until late fall. Grow in shade.
Symphoricarpos chenaultii	Chenault Coralberry	A11	Shrub : Decid.	3' high. Arching stems. Flstiny, pink, in mid- summer. Frtpink berries, white on shaded side.
Symphoricarpos orbiculatus	Indian Currant, Coralberry	A11	Shrub: Decid. ec	6' high. Arching stems. Grow in shade. Flstiny, yellowish in midsummer. Fruit-purplish-red. Use for erosion control.
Tamarix spp.	Tamarisk species	Refer to Specific Species	Shrub: Decid. ss	Lvsscalelike. Branches- long, feathery, in mist of pink blossoms. Tolerant of seaside, desert, windy conditions.
Teucrium fruticans	Bush Germander	All But High Elevations	Shrub: BLE	4-8' high. Equal spread. Lvsgray-green, with whit undersides. Flslavender blue, in spikes, all year.
* <u>Trichostema</u> <u>lanatum</u>	Wooly Blue Curls	N. & S. Coast N. & S. Coastal Interior Valley	Shrub: BLE	1½-4' high. Needs good drainage. Lvsaromatic, rôlled edges, with white wooly undersides. Flsblue, clusters, Apr-May.

^{*} SHRUBS * SHRUBS * SHRUBS * SHRUBS * SHRUBS * SHRUBS * SHRUBS *

BOTANICAL NAME	COMMON NAME	ZONES	PLANT TYPE	NOTES
Vaccinium ovatum	Box Blueberry, Evergreen Huckleberry	N. Coast N. Coastal	Shrub: BLE	3-10' high. Lvsleathery, evergreen. Flswhite or pink, in spring. Frt black berries, in summer. Best with some water.
Viburnum spp.	Viburnum species	Refer to Specific Species	Shrub: Decid. & BLE wv	Flsclustered, often aro- matic. Frtcolored berries, attract birds.
Vitex agnus-castus	Chaste Tree	All But High Elevations	Shrub: Decid.	20' high. Equal spread. Lvsgray-green, aromatic. Flstiny, blue or white, in dense spikes, midsummer/ fall.
Westringia rosmariniformis	Westringia	N. & S. Coast N. & S. Coastal Interior Valley	Shrub: BLE	3-6' high. 5-9' wide. Lvs white undersides. Flswhite, small, February through spring.
Xylosma senticosa	Shiny Xylosma	All But High Elevations	Shrub/Tree BLE or Decid.	10-20' high. Lvsgolden- green tinted bronze when new. Tolerant of desert conditions. Can be espaliered.
Yucca glauca	Small Soapweed, Yucca	All	Shrub: ELE	Stemless or short-stemmed. Lvs1-1½' long. Fls greenish white, in tall, narrow clusters, in summer.

^{*} SHRUBS * SHRUBS * SHRUBS * SHRUBS * SHRUBS * SHRUBS *

A layer of mulch on the ground, under and around (your) plants can reduce evaporation, discourage weeds, prevent soil compaction, and reduce erosion and runoff. Mulch may be compost, sawdust, leaves, shredded newspapers, pebbles or woodchips.



groundcovers

BOTANICAL NAME	COMMON NAME	ZONES	PLANT TYPE	NOTES
Ajuga reptans	Carpet Bugle	A11	GC: Perennial	6" high. Grow in full sun/ partial shade. Water every 10 days in summer. Fls blue. Needs some water.
*Arctostaphylos densiflora 'Howard McMinn'	Vine Hill Manzanita	Central Valley Interior Valley N. Coast N. Coastal	GC: BLE ec	30" high. 7' spread. Fls whitish pink.
Arctostaphylos 'Havens Neck'	Havens Neck Manzanita	All But High Elevations & Desert	GC:BLE	6-9" high. Trailing red stems. Fast-growing. Uni- form growth habit. Lvs bright green, narrow.
Arctostaphylos 'Ophio- viridis'		All But High Elevations & Desert	GC: BLE	9-16" high. Spreading. Lvsbright-green, %" long, arranged spirally along prostrate stems. Flspale pink.
*Arctostaphylos hookeri 'Monterey Carpet'	Monterey Manzanita	All But High Elevations & Desert	GC: BLE ec	12" high. 12' spread. Com- pact. Slow-growing. Fls white to pinkish. Frt red berries.
*Arctostaphylos uva-ursi 'Point Reyes'	Bearberry, Kinnikinnick	All But Desert	GC: BLE ec, pt	Prostrate. 15' spread. Lvs red in winter. Tolerates smog. Useful for steep slopes. Needs some water.
*Arctostaphylos uva-ursi 'Radiant'	Bearberry, Kinnikinnick	All But Desert	GC: BLE ec	Fruit-large, red, abundant, in autumn, lasting into winter. Needs some water.

^{*} GROUNDCOVERS * GROUNDCOVERS * GROUNDCOVERS * GROUNDCOVERS *

Arctotheca calendula	Capeweed	All But High Elevations & Desert	GC: BLE	Durable, fast growing. Yellow daisies bloom all year. Full sun.
* <u>Baccharis</u> <u>pilularis</u> 'Twin Peaks'	Dwarf Coyote Bush	All But High Elevations	GC: BLE	Extremely drought tolerant. 8-24" high. 6' spread. Forms dense, billowy mat. Lvssmall, bright green. Needs some water.
<u>Carpobrotus</u> <u>edulis</u>	Ice Plant, Hottentot Fig	All But High Elevations & Central Valley	GC: Succulent f	Avoid use on steep slopes. 1' high. Fast-growing. Flspale yellow to rose.
*Ceanothus gloriosus	Point Reyes Ceanothus	All But High Elevations & Desert	GC: BLE	4-24" high. 5' spread. Low dense growth. Flslavender. March to May.
*Ceanothus gloriosus exaltus 'Emily Brown'	Navarro Ceanothus	All But High Elevations & Desert	GC: BLE	2-3' high. 8-12' spread. Fast-growing. Flsviolet- blue, March to April.
* <u>Ceanothus griseus</u> <u>horizontalis</u>	Carmel Creeper	All But High Elevations & Desert	GC: BLE	18-30"+ high. 5-15' spread. Flsblue. Needs some water.
<u>Ceanothus griseus</u> <u>horizontalis</u> 'Yankee Point'	Carmel Creeper	All But High Elevations & Desert	GC: BLE	2-3' high. 8' spread. Flsbright blue. Needs some water.
Cephalophyllum 'Red Spike' (or Cylindrophyllum speciosum)	Red Spike Ice Plant	All But High Elevations	GC: Succulent	3-5" high. Flscerise in winter.

^{*} GROUNDCOVERS * GROUNDCOVERS * GROUNDCOVERS * GROUNDCOVERS *

BOTANICAL NAME	COMMON NAME	ZONES	PLANT TYPE	NOTES
Cistus villosus 'Prostratus' (or Cistus salvifolius)	White Dwarf Rockrose	Best in N. & S. Coast N. & S. Coastal	GC: BLE	2' high. 6' spread. Flswhite, in late spring. Tolerant of salt spray.
Correa pulchella	Australian Fuchsia	N. & S. Coast N. & S. Coastal Interior Valley	GC: BLE	2-2½' high. 8' spread. Dense growth. Flslight pink, November to April.
Cotoneaster conspicua 'Decora'	Necklace Cotoneaster	All But High Elevations	GC: BLE	Almost prostrate. Fls white. Frtred, profuse, 3/8" wide.
Cotoneaster horizontalis	Rock Cotoneaster	A11	GC: Decid.	2-3' high. 15' spread. Fall colororange & red.
Cotoneaster microphylla	Rockspray Cotoneaster	All But Desert	GC: BLE	2-3' high.>6' spread. Lvsvery small.
Cotoneaster rotundifolia	Cotoneaster	All But High Elevations	GC: BLE or semi-BLE	5-8" high. Use for massing hedge or screen.
Delosperma 'Alba'	White Trailing Ice Plant	Low Desert N. & S. Coast N. & S. Coastal Interior Valley	GC: Succulent f, ec	Holds soil on steep bank.
Drosanthemum spp.	Type of Ice Plant	N. S. Coast N. & S. Coastal Interior Valley	GC: Succulent f, ec	6" high. Prevents erosion. Grows well in poor soil.

Gazania

Gazania spp.

6-10" high. Clumping or

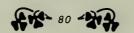
Fls.-daisylike, in late spring/early summer.

trailing growth habit.

GC: Perennial

f

^{*} GROUNDCOVERS * GROUNDCOVERS * GROUNDCOVERS * GROUNDCOVERS *



All But High

Elevations

<u>Hedera</u> <u>helix</u>	English Ivy	All	GC; BLE, woody	Good for small s paces. Needs some water.
<u>Hedera</u> <u>canariensis</u>	Algerian Ivy	All But High Elevations & High Desert	GC: BLE, woody	Requires more water than English Ivy does.
Helianthemum nummularium	Sunrose	All	GC: BLE Shrublet	6-8" high. 3' spread. Flsvarious colors, April to June.
Hypericum calycinum	St. Johnswort	All	GC: BLE	<pre>l' high. Invasive. Fls bright yellow. Grows in sun or shade.</pre>
Juniperus spp.	Juniper species and varieties	All	GC: Conifer	Do best in full sun. Offer a variety of form and foliage color.
Juniperus chinensis sargentii	Sargent Juniper	All	GC: Conifer	l' high. 10' spread. Foliage-gray-green.
Juniperus conferta	Shore Juniper	All	GC: Conifer ss	l' high. 6-8' spread. Foliage-bright green. Tolerant of salt spray. Needs some water.
Juniperus horizontalis 'Plumosa'	Andorra Juniper	All	GC: Conifer	18" high. 10' spread. Needs some water. Foliage- purplish in winter.
Juniperus procumbens	Japanese Garden Juniper	All	GC: Conifer	3' high. 12-20' spread. Foliage-blue-green, feathery.

ZONES

COMMON NAME

BOTANICAL NAME

NOTES 3

PLANT TYPE

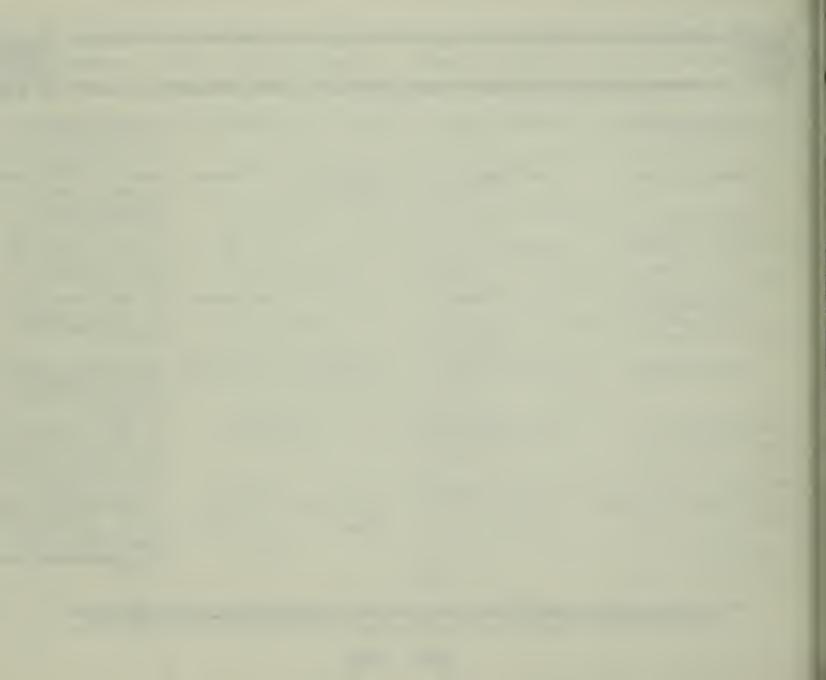
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<u>Juniperus sabina</u> 'Tamariscifolia'	Tamarix Juniper, Tam	A11	GC: Conifer	18' high. 10-20' spread. Foliage-dense, blue-green.
Lampranthus spp.	Type of Ice Plant	N.& S. Coast N. & S. Coastal Interior Valley	GC: Succulent f	Various forms and colors.
Lotus berthelotii	Parrot's Beak	All But High Elevations & High Desert	GC: Perennial	2-3' long. Trailing. Foliage-silver-gray. Flsscarlet, spring/summer.
Malephora crocea	Type of Ice Plant	All But High Elevations & Central Valley	GC: Perennial f, ec	Hardiest ice plant. Flsall year. Used for erosion control.
Oscularia spp.	Type of Ice Plant	N. & S. Coast N. & S. Coastal Interior Valley	GC: Subshrubs	l' high. Flsaromatic, late spring/early summer.
* <u>Penstemon</u> <u>heterophylla</u> 'Walker Ridge"	Chaparral Penstemon	All But High Elevations	GC: Perennial	To 1½' high.
<u>Phlox</u> <u>subulata</u>	Creeping Phlox, Moss Pink	High Elevations, Central Valley, Desert, N. Coast & N. Coastal		To 6' high. Forms a mat. Flswhite, pink, rose, lavender blue, in late spring. Needs some water.
<u>Phyla nodiflora</u> (<u>Lippia repens</u>)	Lippia	All But High Elevations	GC: Perennial	Forms flat, low mat. Lvs gray-green. Flslilac to rose, tight round heads, spring to fall. Requires sun
Polygonum capitum	Knotweed	All But High Elevations & Desert	GC: BLE	To 6" high. Lvsgreen when new, tinged pink later. Blooms all year. Invasive.

^{*} GROUNDCOVERS * GROUNDCOVERS * GROUNDCOVERS * GROUNDCOVERS *

BOTANICAL NAME	COMMON NAME	ZONES	PLANT TYPE	NOTES
Polygonum cuspidatum compactum	Japanese Knotweed	A11	GC: Perennial	10-24" high. Stems-red. Lvsred-veined, red fall color. Needs some water.
* <u>Satureja</u> <u>douglasii</u>	Yerba Buena	All But High Elevations & Desert	GC: Perennial	Spread to 3'/ Needs shade. Flssmall, white, or lavender tinted, April to September. Aromatic.
Teucrium chamaedrys	Germander	A11	GC: BLE	<pre>1' high/ 2' spread. Fls white or red-purple, in summer.</pre>
Thymus serpyllum 'Roseum" (also <u>T</u> . s. 'Variegatum')	Mother-of-thyme	A11	GC: Perennial	2-6" high. Forms a mat. Flssmall, June-Sept. Tolerates light foot- traffic.
<u>Verbena</u> <u>peruviana</u>	Peruvian Verbena	All But High Elevations	GC: Perennial f	Spreads rapidly. Forms a mat. Requires sum. Flspink or scarlet. Needs some water.
<u>Vinca</u> minor	Dwarf Periwinkle	A11	GC: BLE f	30' high. Requires shade. Flslavender blue, or other colors. 2-3 soakings/ month. Needs some water.
*Zauschneria californica	California Fuchsia, Hummingbird Flower	All But High Elevations & Desert	GC: BLE in mild climates wv	1-2' high. Fls/-red,summer & fall. Extremely drought tolerant. Good for late summer color. Attracts hummingbirds. Needs good drainage.

^{*}GROUNDCOVERS * GROUNDCOVERS * GROUNDCOVERS * GROUNDCOVERS *





Water when the weather is cool. Early morning and late afternoon are times when the least amount of water will be evaporated by the sun. Try not to water on windy days when there is increased evaporation due to the wind.

annuals/perennials

BOTANICAL NAME	COMMON NAME	ZONES	PLANT TYPE	NOTES
*Abronia umbellata	Pink Sand Verbena	N. & S. Coast	Perennial	6" high. Trailing. Grow in sand. Flsrosy lavender, May to October, fragrant.
Achillea tomentosa	Wooly Yarrow	A11	Perennial	Flat spreading mat. Fls golden, on 6-10" fl. stems in summer. Good edging plant.
Agave americana	Century Plant	All But High Elevations Central Valley High Desert	Succulent f	Flsyellowish green, on 15-40' stalk, after 10 years. Plant dies after flowering. Replaces itself with new ones.
Aloe arborescens	Tree Aloe	All But High Elevations & High Desert	Succulent ss,f	Withstands salt and shade. Flsbright vermilion to yellow, Dec. to Feb. Stalk 18' high.
Alternanthera amoena	Alternanthera	All	Annual	Small. 6" high. Lvs colorful.
Alternanthera bettzichiana	Alternanthera	All	Perennial	16" high. Requires sun. Lvscolorful.
Alternanthera versicolor	Alternanthera	All	Annual	Tall. Lvscolorful.
Althaea rosea	Holly hock	All	Biennial	Up to 9' high. Flsvarious colors, in summer.
Alyssum spp.	Alyssum	All	Perennial	Mounding. Flsvarious colors, usually white to purple.

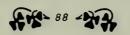
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BOTANICAL NAME	COMMON NAME	ZONES	PLANT TYPE	NOTES
Amaranthus caudatus	Love-lies-bleeding, Tassel Flower	A11	Annual	3-8' high. Flsred, in drooping, tassel-like clusters.
Amaranthus hybridus hypochondriacus	Prince's Feather	All	Annual	5' high. Lvsreddish. Fls red to brownish red in clusters. Needs some water.
Amaranthus salicifolius	Flaming Fountain, Fountain Plant	A11	Annual	Lvslong, narrow, mounding, turn from bronze green to orange red.
Amaranthus tricolor	Joseph's Coat, Summer Poinsettia	All	Annual	<pre>1-4' high. Lvsred and green. Flssmall round clusters, red.</pre>
Amaryllis belladonna	Naked Lady, Belladonna Lady	All But High Elevations	Bulb	Lvs 1-2' clump in fall/ winter. Fls 4-12 cluster, rosy-pink, in August.
Ammobium alatum	Winged Everlasting	All	Annual	3' high. Stems-winged. Lvssilvery. Flswhite, with yellow centers.
Anacyclus depressus	Anacyclus	All	Perennial	Dense spreading mat. Flswhite ray, with red on reverse side, yellow centers.
Anagallis arvensis	Scarlet Pimpernel	A11	Annua l	Weed. Flssmall, salmon or pale scarlet.
Anagallis linifolia	Pimpernel	A11	Perennial, Biennial	Flsblue, 3/4" across.
Androsace spp.	Rock Jasmine	High Elevations	Perennial	Choice rock garden miniature. Trailing. Flspink.

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BOTANICAL NAME	COMMON NAME	ZONES	PLANT TYPE	NOTES
Aphanostephus skirrhobasis	Lazy Daisy	A11	Annual	15-18" high. Requires sun. Flsdaisylike, white with yellow centers, reverse side of petals is pink, 1" across.
*Aquilegia formosa	Western Columbine	All	Perennial wv	Flsred & yellow, with red spurs, in spring/early summer Attracts hummingbirds. Needs some water.
Arctotis grandis	Arctotis, African Daisy	All	Annual wv	<pre>l' high. Lvswooly gray. Flswhite with blue center, 3" across. Attracts gold- finches. Reseeds itself. Best on sandy soils.</pre>
Argemone grandiflora	Prickly Poppy	All	Annual	2' high. Flswhite, 4" across.
Argemone mexicana	Prickly Poppy	All	Annual, Biennial	3' high. Requires sun. Flslarge, yellow to orange in summer.
*Artemisia pycnocephala	Sand Hill Sage	All	Suffrutescent Perennial: BLE	1-2' high. Rounded, some- what spreading. Lvs soft, silvery white or gray.
Artemisia schmidtiana 'Silver Mound'	Silver Mound	A11	Woody Perennial	<pre>l' high. Requires full sun. Lvswooly, silvery-white, finely cut.</pre>
Baptista australis	False Indigo, Wild Indigo	A11	Perennial	3-6' tall. Lvsbluish green. Flsspikes, indigo blue, pea-shaped, in early summer.

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BOTANICAL NAME	COMMON NAME	ZONES	PLANT TYPE	NOTES 7
* <u>Brodiaea</u> spp.	Brodiaea	A11	Corm	Lvsfew, grasslike. Fls funnelshaped or tubular. Corms should dry out in summer.
* <u>Brodiaea</u> <u>elegans</u>	Harvest Brodiaea	All	Corm	Flsviolet purple, in clusters of 3-10, in early summer.
<u>Cactus</u>	Cactus	Varied	Succulent	Require full sun & well-drained soil. Thick skin, usually spiny. Flslarge, brightly colored. Many kindsall sizes & shapes.
Calandrinia grandiflora	Rock Purslane	A11	Annual	18-24". Stems-red. Flsrose-colored, cuplike.
*Calandrinia ciliata var. menziesii	Rock Purslane, Red Maids	All	Annual	3-12" high. Flsdeep purple-crimson.
<u>Calandrinia</u> umbellata	Rock Purslane	A11	Annual	4-6" high. Flsmagenta, in clusters.
<u>Calendula</u> <u>officinalis</u>	Calendula, Pot Marigold	All	Annual	1-2' high. Somewhat branching. Fls2-4" across, orange, yellow, apricot, persimmon, cream. Late fall to spring in mild winter areas. Spring to midsummer in colder climates.
<u>Catananche</u> <u>caerula</u>	Cupid's Dart	All	Perennial	Lvs8-12" long, gray-green. Flslavender blue, on 2' stems, in summer.

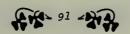
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BOTANICAL NAME	COMMON NAME	ZONES	PLANT TYPE	NOTES
Celosia argentia	Cockscomb, Woolflower	All	Annual	Best with water. 8-36" high. Fls long-lasting, 2-10" across.
<u>Celosia</u> spp.	Cockscomb, Chinese Woolflower	All	Annual	Dwarf or tall varieties, to 3'. Richly colored tropical plants. Fls crested or plumed cockscomb cluster. Best with water.
<u>Cenia barbata</u>	Pincushion Flower	A11	Annual	Grow in full sun. Lvs feathery. Flstiny, yellow.
Centaurea cineraria	Dusty Miller	All But High Elevations	Perennial	l' high. Require sun. Flspurple or yellow.
Centaurea cyanus	Cornflower, Bachelor's Buttons	All	Annual	1-2½' high. Require sun. Flsblue, pink, rose, wine red, or white.
Centaurea gymnocarpa	Velvet Centaurea	All But High Elevations	Perennial	1-3' high. Require sun. Flspurple, in heads.
Centaurea moschata	Sweet Sultan	A11	Annual	2' high. Require sun. Fls lilac, rose, white, or yellow.
Centranthus ruber	Jupiter's Beard, Red Valerian	All	Perennial	3' high. Flssmall, deep crimson, to pale red, in late spring/ early summer.

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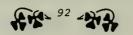
BOTANICAL NAME	COMMON NAME	ZONES	PLANT TYPE	NOTES
<u>Cerinthe</u> <u>aspera</u>	Honeywort	All	Annual	1-2' high. Requires sun. Lvsgray-green. Fls yellow, tubular, with chocolate colored base.
Charieis heterophylla	Charieis	All	Annual	6-12" high. Requires sun. Flsbright blue, aromatic.
Cheiranthus cheiri	Wallflower	N. Coast N. Coastal S. Coastal	Perennial or Biennial	1-2½' high. Sweet fragrance. Flsyellow, orange, brown, red, pink, in spring/summer. Needs some water.
Chrysanthemum parthenium	Feverfew	A11	Perennial	Compact, leafy. Fls white, in midsummer.
Cladanthus arabicus	Cladanthus	All	Annual	2-3' high. 2-3' spread. Foliage-lacy, aromatic. Flsyellow, daisylike.
*Clarkia elegans	Clarkia, Rocky Mountain Garland	A11	Annual	2-3' high. Fls1" across, salmon, pink, mauve, rose, carmine, purple, red, white.
*Cleome lutea	Cleome, Spider Flower	A11	Annual	3-5' high. Decorative seed pods. Flsgolden yellow, in clusters, 6-8" across.
Cleome spinosa	Spider Flower, Cleome	All	Annual	4-6' tall. 4-5' wide. Decorative seed pods. Flspink or white. Needs some water.
Convolvulus tricolor	Dwarf Morning Glory	A11	Annual	<pre>l' high. Bushy, trailing. Flsfunnel-shaped, blue with yellow throat.</pre>

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BOTANICAL NAME	COMMON NAME	ZONES	PLANT TYPE	NOTES
Coreopsis spp.	Coreopsis	Refer to Specific Species	Annual & Perennial	Flslate spring to fall. Yellow, orange, maroon, reddish.
Cosmos bipinnatus	Cosmos	All	Annual	To 8' high. Require sun. Flswhite, pink, rose, purple with yellow tufted centers.
Cosmos sulphureus	Yellow Cosmos	All	Annual	7' high. Require sun. Fls yellow, in summer & fall. Needs some water.
<u>Crepis</u> <u>rubra</u>	Hawk's Beard	A11	Annual	l' high. Flsresemble pink dandelions.
Crotalaria retusa	Crotalaria, Rattlebox, Golden-Yellow Sweet Pea	A11	Annual	Require full sun. Fls 18-24" spikes, yellow and purple.
Cynoglossum amabile	Chinese Forget- me-not	All	Biennial	1½-2' high. Fls. blue, pink, or white, in spring. Needs some water.
Cynoglossum grande	Western Hounds Tongue	All But Desert & High Elevations	Perennial	1-2½' high. Flsblue, in March to June.
Datura metel	Angel's Trumpet, Trumpet Flower	All	Annual	3-5' high. Flslilylike, 10" long, single or double.
Dimorphotheca spp.	Cape Marigold, African Daisy	All	Annual	Grow in full sun. Fls daisylike, in winter and spring.

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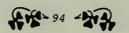


Echium spp.		Refer to Specific Species	Biennial, Perennial	Striking form and flower clusters. Require good drainage.
Echium plantagineum	Viper's Bugloss	All	Annual	12-18" high. Flsbell- shaped, blue, rose, lavender, purple, or white.
Emilia flammea	Tassel Flower, Flora's Paintbrush	A11	Annual	18-24" high. Lvsgray-green. Flstassel-like, red, orange or yellow.
*Erigeron glaucus	Beach Aster, Seaside Daisy	N. & S. Coast N. & S. Coastal	Perennial	Need fast drainage. Fls lavender, in spring and summer.
Eriogonum crocatum	Saffron Buckwheat	N. & S. Coast N. & S. Coastal Interior Valley	Suffrutescent Perennial	18" high. Low and compact. Lvs. and stem, white wooly. Very drought resistant. Flsyellow, April to August.
Eriogonum latifolium rubescens	Red Buckwheat	N. & S. Coast N. & S. Coastal Interior Valley	Perennial	10-12" high. 12-18" spread. Lvsgray-green, oval. Flsrosy-red.
Erysimum asperum	Siberian Wallflower	A11	Perennial	1-1½' high. Flsorange, abundant in spring.
*Eschscholzia californica	California Poppy	A11	Annual	Lvsblue-green, finely cut. Flsgold, and other colors, in spring and early summer.
Euphorbia heterophylla	Mexican Fire Plant	All	Annual	To 3'. Resembles a poincettia in summer.

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BOTANICAL NAME	COMMON NAME	ZONES	PLANT TYPE	NOTES 7
Euphorbia marginata	Snow-on-the-mountain	A11	Annual	To 2'. Needs some water. Lvslight green, with upper ones striped with white.
Gaillardia amblyodon	Gaillardia, Blanketflower Indian Blanket	All	Annual	18" high. Needs some water. Flsin various colors. Grow in full sun.
Gaillardia pulchella	Gaillardia, Blanketflower, Indian Blanket	All	Annual	$1\frac{1}{2}-2'$ high. Needs some water. Fls2" wide, yellow, red, or gold. Grow in full sun.
Gamolepis tagetes	Sunshine Daisy	All	Annual	4-10" high. Foliage-lacy. Flsdaisylike,yellow to orange, profuse.
Gazania longiscarpa	Gazania, Treasure Flower	A11	Annual f	6-12" high. Flsdaisylike, in sunny colors.
<u>Gazania</u> spp.	Gazania	All But High Elevations	Perennial	Daisylike flowers. Water twice a month once established.
Gomphrena globosa	Globe Amaranth	All	Annual	1-3' high. Flscloverlike, pink, purple, violet, white, in summer & fall.
Gypsophila elegans	Annual Baby's Breath	All	Annual	l-l½' high. Flswhite, pink, or rose, profuse.
Helianthemum nummularium	Sunrose	All	Evergreen Shrublets	6-8" high. 3' spread. Flssunny colored, in April- June.
Helianthus debilis	Cucumberleaf Sunflower	All	Annual	l½-4' high. Flslarge, in various colors.

^{*} ANNUALS * PERENNIALS * ANNUALS * PERENNIALS * ANNUALS * PERENNIALS *



BOTANICAL NAME	COMMON NAME	ZONES	PLANT TYPE	NOTES
Helianthus spp.	Sunflower	A11	Annuals & Perennials	Flsin late summer, fall, yellow heads. Needs some water.
Helichrysum bracteatum	Strawflower, Everlasting Flower	A11	Annual	2-3' high. Grow in full sun. Flssunny colors, stiff petals.
Helichrysum petiolatum		N. Coast S. Coast & S. Coastal	Shrubby Perennial	2' high. 4' spread, Lvs white, wooly. Needs some water.
Helipterum manglesii	Swan River Everlasting	A11	Annual	2' high. Grow in full sun. Lvsoval, pointed. Fls 2-3" across, white, pink, chamois.
Helipterum roseum	Rose Everlasting, Helipterum	A11	Annual	To 2'. Grow in full sun. Flsdaisylike, pink or white.
Hunnemannia fumariaefolia	Mexican Tulip Poppy, Golden Cup	All	Perennial	2-3' high. Bushy, Flscup- shaped, yellow, July-Oct.
*Iris douglasiana & hybrids	Douglas or Mountain Iris, Pacific Coast Iris	A11	Bulb: BLE	Full sun or light shade. Lvs1-l½' long, in clump. Flswhite, cream, yellow, lavender-blue to reddish purple, on 1-2' stalks.
Kniphofia uvaria	Red-hot Poker	All But Desert	Perennial	Several varieties.
Kochia scoparia 'Trichophila'	Mexican Fire Bush, Burning Bush	All	Annual	To 3'. Gently rounded form. Foliage-fine texture, turns red after first frost.

^{*} ANNUALS * PERENNIALS * ANNUALS * PERENNIALS * ANNUALS * PERENNIALS *

BOTANICAL NAME	COMMON NAME	ZONES	PLANT TYPE	NOTES
* <u>Layia</u> platyglossa	Tidy Tips	A11	Annual	12-18" high. Flsdaisylike, yellow with white tips.
Limonium bonduellii	Sea Lavender	All	Annual, Biennial	2' high. Winged flower stem. Flsyellow.
<u>Limonium perezii</u>	Sea Lavender	Low Desert N. & S. Coast N. & S. Coastal	Perennial ss	3' high. Flspurple & white, in summer.
<u>Limonium</u> sinuatum	Sea Lavender	All	Annual ss	2' high. Winged flower stem. Flslavender, rose, and white.
Limonium suworowii	Sea Lavender	All	Annual ss	lk' high. Flsclusters, rose and pink.
Linaria dalmatica	Toadflax	A11	Perennial	2-4' high. Flsyellow with orange blotch. May to September.
Lithodora diffusum 'Grace Ward'	Lithodora	N. Coast N. Coastal	Perennial Evergreen	6-12" high. Prostrate, shrubby. Flstubular, bright blue, May-June.
Lobularia maritima	Sweet Alyssum	All	Annual	<pre>1' high. Trailing. Flstiny, white, in cluster, aromatic.</pre>
Lotus berthelotii	Lotus, Parrot's Beak	All But High Desert & High Eleva- tions	Perennial	Trailing. Foliage-silvery gray. Flsscarlet, June-July.

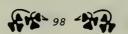
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BOTANICAL NAME	COMMON NAME	ZONES	PLANT TYPE	NOTES
Malcolmia maritima	Virginian Stock	A11	Annual	8-15" high. Grow in full sun. Flswhite, yellow, pinks, lilac, magenta. Needs some water.
Malope trifida	Malope, Mallow-wort	All	Annual	2½-3' high. Grow in full sun. Flstrumpet-shaped, 3" across, rosy, purple, pink, red, white.
*Mentzelia lindleyi	Blazing Star	All	Annual	12-18" high. Tolerates wind. Fls2½" across, golden, open in evening until noon.
Mimosa pudica	Sensitive Plant	All	Annual	Lvsfinely cut, fold up when disturbed. Needs some water.
Mirabilis jalapa	Four O'Clock	All	Perennial, Annual	3-4' high. 3-4' spread. Flstrumpet-shaped, red, yellow, or white, open mid- afternoon.
Myosotis sylvatica	Forget-me-not	A11	Annual Biennial	6-12" high. Flsblue, white- eyed, long bloom season.
Nierembergia spp.	Cup Flower		Perennial	Flstubular, flaring into saucerlike cup.
Ocimum basilicum	Sweet Basil	All	Annual	To 2'. Lvsshiny, green. Flswhite, spikes. Varieties with purple lvs. Needs some water.

^{*} ANNUALS * PERENNIALS * ANNUALS * PERENNIALS * ANNUALS * PERENNIALS *

BOTANICAL NAME	COMMON NAME	ZONES	PLANT TYPE	NOTES
Oenothera speciosa childsii	Mexican Evening Primrose	A11	Perennial	10-12" high. Thrives with little or no care. Fls1½" wide, rose pink.
Papaver alpinum	Alpine Poppy	A11	Perennial	Flsstalk 5-8" high, white, orange, yellow, salmon, in spring. Basal rosette of leaves. Needs some water.
Papaver glaucum	Tulip Poppy	A11	Annual	20" high. Fls4-5" across, with erect scarlet petals. Needs some water.
Papaver nudicaule	Iceland Poppy	A11	Perennial	1-2' high. Fls3" across, yellow, orange, salmon, rose, pink, cream, white.
Papaver rhoeas	Shirley Poppy	A11	Annual	2-5' high. Fls2" across, red, pink, white, orange, scarlet, salmon.
Pelargonium domesticum	Lady Washington Pelargonium, Regal Geranium	N. & S. Coast N. & S. Coastal	Perennial	To 3'. Shrubby. Flslarge, showy, 2" across. Needs some water.
Pelargonium hortorum	Common Geranium, Garden Geranium	N. & S. Coast N. & S. Coastal		To 3'. Shrubby. Fls many varieties, white, red, pink, orange, rose, violet.
Pelargonium peltatum	Ivy Geranium	N. & S. Coast N. & S. Coastal		2-3' high. Trailing. Lvs ivylike. Flsclusters, white, pink, red.
*Penstemon spp.	Beard Tongue	Refer to Specific Species	Perennial, Evergreen Shrublets	Short-lived. Grown in sun. Flstubular. (Some spp. must have water.)

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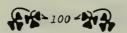


BOTANICAL NAME	COMMON NAME	ZONES	PLANT TYPE	NOTES /
Petunia hybrida	Common Garden Petunia	All	Perennial	Grow in sun. Flsaromatic, funnel-shaped to double, in many colors.
*Phacelia campanularia	California Bluebells	All	Annual	8-9" high. Grow in full sun. Flsin clusters, l", bell-shaped, blue.
Phlox drummondii	Annual Phlox	All	Annual	6-18" high. Needs some water. Flsbright and pastel colors, from early summer until frost.
Phormium tenax	New Zealand Flax	All But High Elevations	Perennial Evergreen ss	Tolerant of salt spray. Fls in clusters, dull red or yellow.
Phyla nodiflora	Lippia	All But High Elevations	Perennial wv	Attracts bees. Forms a mat. Grow in sun. Flslilac to rose, spring to fall. Needs some water.
*Polystichum dudleyi	Fern	All But Desert & High Elevations	Fern:evergreen	Easy to grow. Fronds shorter and broader than p. munitum.
*Polystichum munitum	Western Sword Fern	All	Fern:evergreen	Easy to grow. Fonds-2-4' long, shiny, dark green. Best with ample water.
Portulaca grandiflora	Portulaca, Rose Moss	All	Annual	6" high. 18" spread. Fls brilliant colors, from early summer until frost.
Raoulia australis	Raoulia	All But High Desert & High Elevations	Perennial	Forms a mat. Grow in sun. Lvsgray. Needs some water.

^{*} ANNUALS * PERENNIALS * ANNUALS * PERENNIALS * ANNUALS * PERENNIALS *

BOTANICAL NAME	COMMON NAME	ZONES	PLANT TYPE	NOTES
Romneya coulteri	Matilija Poppy	All But High Desert & High Elevations	Suffrutescent Perennial	To 8'. Grow in full sun. Lvs. & stems-gray-green. Fls 9" wide, aromatic, white with gold stamens, June/July.
Rudbeckia hirta	Gloriosa Daisy, Black-eyed Susan	A11	Biennial	To 3-4'. Stems & lvs hairy. Flsdaisylike, in sunny colors, with colored centers.
Sanvitalia procumbens	Creeping Zinnia	A11	Annual	6" high. Trailing stems. Flssummer & fall, yellow with purple centers.
Satureja montana	Winter Savory	All	Perennial	6-15" high. Spreading. Fls white to lilac, in whorls.
Senecio cineraria	Dusty Miller	All	Perennial	To 2½'. Shrubby & spreading. Lvswooly, white, dissected. Flsyellow, clustered, all year.
Thymophilla tenuiloba	Dahlberg Daisy, Golden Fleece	A11	Annual	To l'. Lvsdark green, thread- like. Flsyellow, early summer/fall.
Thymus vulgaris	Common Thyme	A11	Perennial	6-12" high. Shrubby. Lvs gray-green, Flstiny, lilac, June-July.
Tropaeolum majus	Garden Nasturtium	All	Perennial	Climbing or dwarf varieties. Lvsround. Flsaromatic, many colors.

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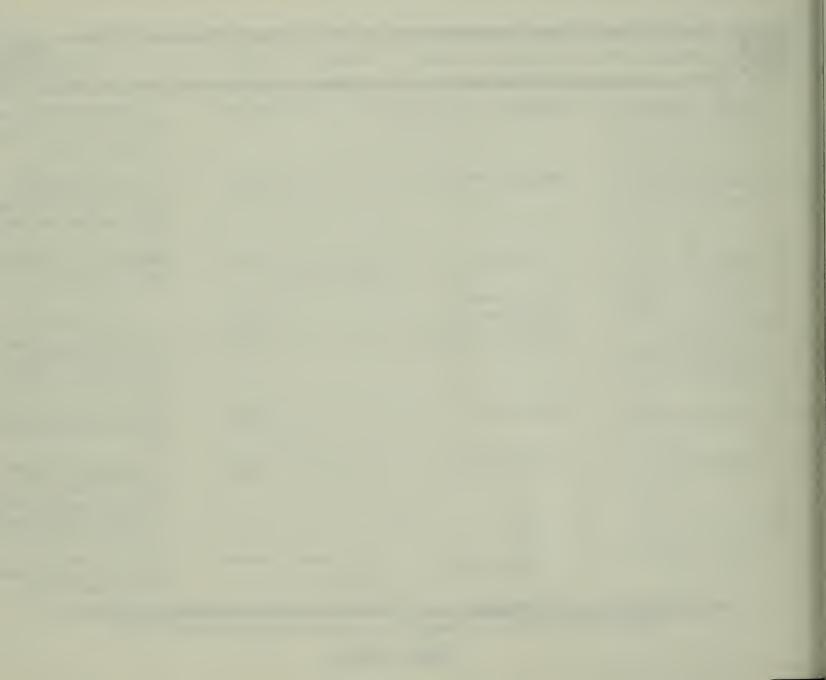
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BOTANICAL NAME	COMMON NAME	ZONES	PLANT TYPE	NOTES 2
<u>Ursinia</u> <u>anathoides</u>	Dill-leaf Ursinia	A11	Annual	Foliage-feathery, fragrant. Flsdaisylike, 2-3" across 18" high, orange or yellow

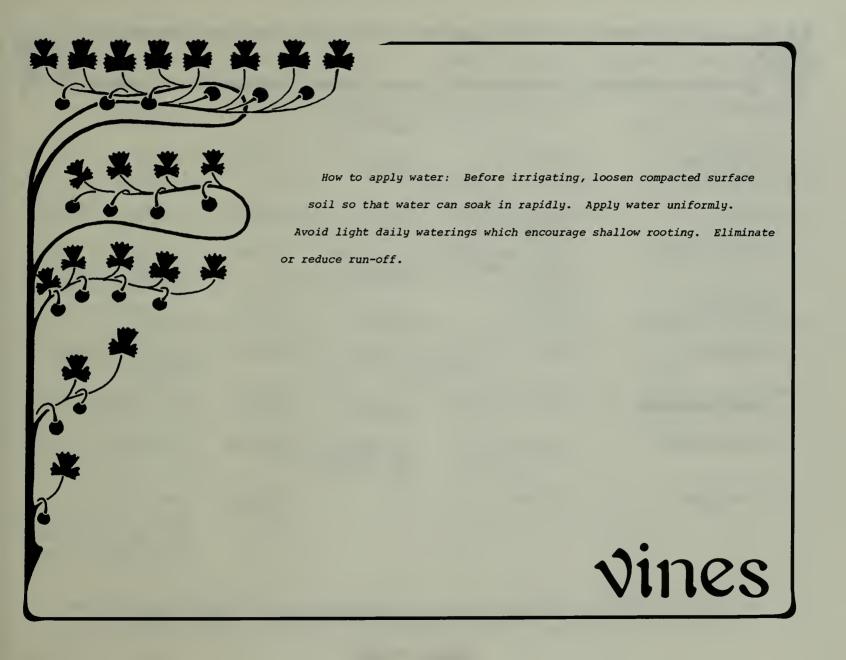
				Flsdaisylike, 2-3" across, 18" high, orange or yellow with purple centers.
Venidium fastuosum	Monarch-of-the-veldt	A11	Annual	2' high. Lvsfeathery, silver-white. Fls4-5" across, daisylike, orange with black band and black center.
<u>Verbena</u> spp.	Verbena species	Refer to Specific Specie	Perennial es	Spreading. Flsin clusters, variety of colors.
*Verbesina encelioides	Golden Crownbeard, Butter Daisy	All	Annual	
Vinca rosea (or Catharanthus roseus)	Madagascar Periwinkle	A11	Perennial	1-2' high. Bushy. Needs some water. Fls1½" across, white, pink, or rose, in summer and and fall.
Xanthisma texanum	Star-of-Texas	A11	Annual	18-30" high. Grow in full sun. Flsdaisylike, yellow, 2-3".
Yucca whipplei	Our Lord's Candle	All But High Elevations	Perennial	Stemless. Dense cluster of rigid, gray-green lvs., 1-13/4' long. Flson 6-14' stems, drooping, bell-shaped, 1-2" creamy white flowers, on branched spikes 3-6' long.
*Zauschneria spp.	California Fuchsia, Hummingbird Flower	All But Desert	Perennial wv	Lvssmall, gray, narrow. Flsscarlet, trumpet-shaped.

Elevations

Attracts hummingbirds.

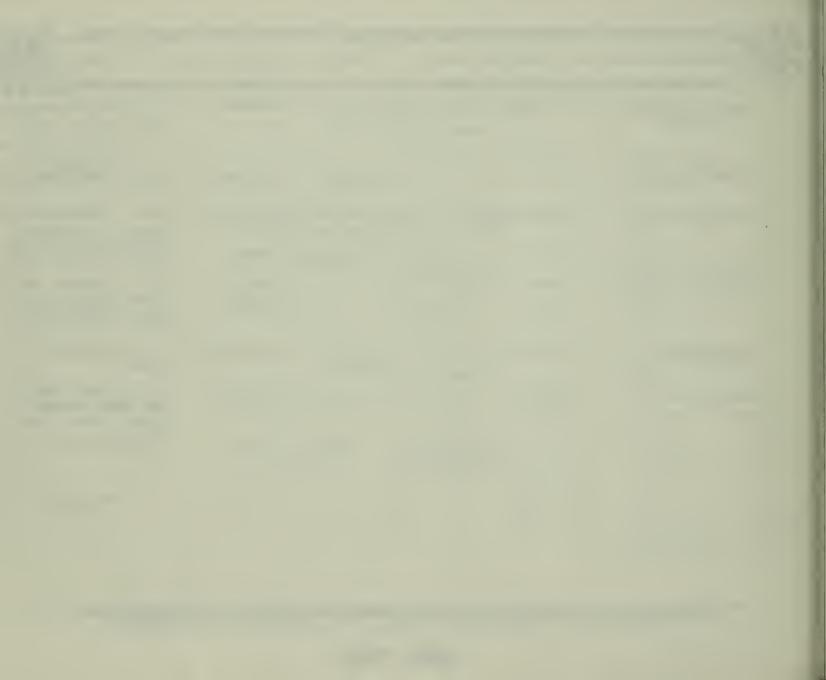
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BOTANICAL NAME	COMMON NAME	ZONES	PLANT TYPE	NOTES
Bougainvillea	Bougainvillea	All But High Elevations & Central Valley	Shrubby Vine: BLE	Vibrant color Dense cover.
Boussingaultia baselloides	Madeira Vine	All But High Elevations	Vine: BLE	Vigorous grower. Fls aromatic, white. Plant in full sun.
<u>Campsis</u> spp.	Trumpet Creeper or Trumpet Vine	Refer to Specific Species	Vine: Decid.	Flsorange-red, August to September.
Clematis armandii	Armand Clematis or Evergreen Clematis	All But High Elevations & High Desert	Vine: BLE	Fast-growing to 20'. Fls showy, white, in March to April. Some water.
Ficus pumila	Creeping Fig	All But High Elevations	Vine: BLE	20-60' high. Dense cover.
<u>Lantana</u> spp.	Lantana	Low Desert N. & S. Coast N. & S. Coastal	Shrub -vine	Plant in full sun. Fls all year, in various colors.
Lonicera sempervirens	Trumpet Honeysuckle	All But High Elevations	Vine: BLE or semi-BLE	To 50'. Fruit-red berries. Flsshowy, red-orange,
Polygonum aubertii	Silver Lace Vine or Silver Fleecevine	DecHigh Desert High Elevations BLE-Other Areas		Fast-growing. Flswhite. Water deeply once a month.
Pueraria lobata	Kudzu Vine	A11	Vine: Annual or Perennial e, ec.	Require full sun. Lvs large & hairy-give dense shade. Flsonly on 2-year old stems. 6-10" spikes, purple, pealike aromatic. Roots are edible.

BOTANICAL NAME	COMMON NAME	ZONES	PLANT TYPE	NOTES
Solandra hartwegii (or S. guttata)	Cup-of-gold Vine	N. & S. Coast S. Coastal	Vine: BLE ss	Fls6-8" across, fragrant, golden yellow. Tolerant of salt spray. Can be cut back to make rough hedge.
Solanum jasminoides	Potato Vine	All But High Elevations	Vine: BLE or Deciduous	Twining. Gives light cover. Flswhite, perpetual bloom.
Tecomaria capensis	Cape Honeysuckle	Low Desert Interior Valley S. Coast S. Coastal	Vine or Shrub: BLE ss	15-25'. Tolerant of salt spray. Flsorange-red, October thru winter. Use as bank cover, espalier.
Tropaeolum peregrinum	Canary Bird Flower	All	Vine: Perennial	10-15'. Climbing. Lvs 5-lobed. Fls1" across, yellow, frilled, & fringed, with green spur.
<u>Vitis vinifera</u>	Wine Grape	All But High Elevations	Vine: Decid.	10' long. Fruit in October.
<u>Wisteria</u> spp.	Wisteria	All	Vine: Decid.	40' long. Fast-growing. Flsvarious colors, pendant clusters, April to May.



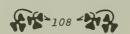
The depth of the soil is important in determining the amount of water available to your plants. Hardpan or bedrock close to the surface will limit the soil reservoir accordingly.

ornamental grasses

BOTANICAL NAME	COMMON NAME	ZONES	PLANT TYPE	NOTES 7
Agrostis nebulosa	Cloud Grass	A11	Annual Grass	l' high. Requires sun. Flscluster of small white flower spikes.
Avena sterilia	Animated Oat	A11	Annual Grass	18-24" high. Requires sun. Seed awns twist in response to air moisture.
Briza maxima	Large Quaking Grass	All	Annual Grass	18-24" high. Requires sun. Seed heads 1" long. Seeds silvery red, reddish brown, or purplish.
Briza minor	Lesser Quaking Grass	A11	Annual Grass	9-12" high. Requires sun. Seed heads 1/8" long. Seed colors same as for <u>B</u> . <u>maxima</u>
) <u>Cortaderia</u> <u>selloana</u>	Pampas Grass	All But High Elevations	Evergreen Grass	20' high. Fast-growing. Will take any soil, dry or wet. Flower plumes 1-3' long in white, chamois, or pink.
Festuca ovina 'Glauca'	Blue Fescue	A11	Perennial Grass	4-10" high tufts. Lvs hairlike, blue-gray. Does not take traffic.
Hordeum jubatum	Squirreltail Grass, Foxtail Grass	A11	Annual or Per. Grass	Awned seeds troublesome to cattle and pets. 9-36" high. Requires sun. Decorative fluffy seedheads.
Lagurus ovatus	Rabbit-tail Grass, Hare's Tail Grass	A11	Annual Grass	12-24" high. Lvsnarrow, hairy. Seeds in 2" wooly tufts.
(2) See page 109				

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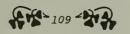
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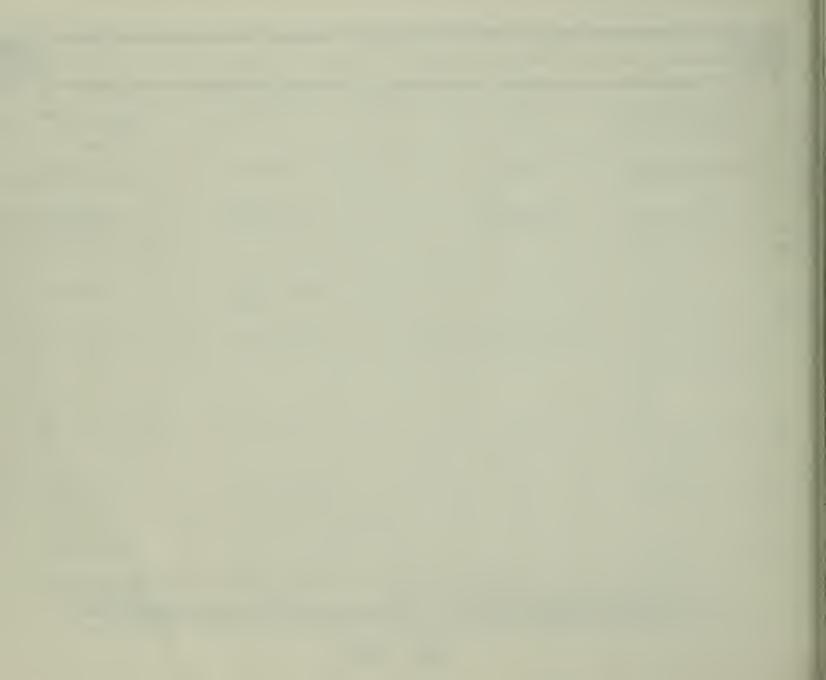


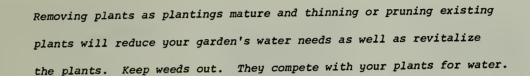
BOTANICAL NAME	COMMON NAME	ZONES	PLANT TYPE	NOTES 1
Pennisetum ruppelii	Fountain Grass	A11	Annual Grass	4' high. Slender fl. stalks w/plumes of rose, purple, copper red.
Pennisetum villosum	Feathertop	A11	Annual Grass	1-2' high. Plumes 2-4" long, feathery, purplish white.
Tricholaena rosea	Ruby Grass, Natal Grass	A11	Annual Grass	3-4' high. Requires sun. Flspyramidal clusters of silky spikelets, red purple.

(2) We discourage the planting of Pampas Grass (Cortaderia selloana) because it is a highly invasive plant which is harming natural plant communities.

^{*} GRASSES * GRASSES * GRASSES * GRASSES * GRASSES * GRASSES *







plants for special purposes

R Fire Retardant/Drought Tolerant Plants A

TREES--

Ceratonia siliqua Eucalyptus spp. Schinus molle Carob Eucalyptus species California Pepper Umbellularia californica Washingtonia spp. California Laurel Fan Palms

SHRUBS--

Artemisia caucasica Atriplex cuneata Atriplex gardnari Atriplex semibaccata

Ceanothus griseus horizontalis Caucasian Artemisia Saltbush Gardner's Saltbush Creeping Australian Saltbush Carmel Creeper Cistus vellosus
Heteromeles arbutifolia
Nerium oleander
Rhamnus alaternus
Rhamnus integrifolia

Rockrose Toyon Oleander Italian Buckthorn Lemonade Berry

HERBACEOUS PLANTS --

Aeonium decorum Aeonium simsii Agave victoriae-reginae Aloe aristata Aloe brevifolia Arctotheca calendula Carpobrotus edulis Cerastium tomentosum Crassula lactea Crassula multicava Crassula tetragona Delosperma 'Alba' Drosanthemum hispidum Drosanthemum speciosum Gazania uniflora Lampranthus aurantiacus Lampranthus filicaulis

Aeonium
Aeonium
Agave
Aloe
Aloe
Cape Weed
Hottentot Fig
Snow-in-summer

White Trailing Iceplant Rosea Iceplant

Trailing Gazania Bush Iceplant Redondo Creeper Lampranthus spectabilis Lippia canescens v. repens Malephora crocea Malephora luteola Portulacaria afra Potentilla verna Santolina chamaecyparissus Santolina virens Sedum acre Sedum album Sedum confusum Sedum lineare Sedum rubrotinctum Senecio serpens Verbena peruviana Vinca major

Vinca minor

Trailing Iceplant
Lippia
Croseum Iceplant
Yellow Trailing Iceplant
Elephant's Food
Spring Cinquefoil
Lavender Cotton
Green Lavender Cotton
Goldmoss Sedum
Green Stonecrop

Brown Bean

Peruvian Verbena Periwinkle Dwarf Running Myrtle

Salt-Spray Tolerant/Drought Tolerant Plants &

TREES--

Aesculus californica
Eriobotrya japonica
Leptospermum laevigatum
Melaleuca nesophila
Pinus halepensis

California Buckeye Loquat Australian Tea Tree Pink Melaleuca Aleppo Pine Pinus muricata
Pinus pinaster
Pinus pinea
Pinus thunbergii
Pittosporum spp.

Bishop Pine Maritime Pine Italian Stone Pine Japanese Black Pine Pittosporum species

SHRUBS--

Atriplex canescens
Atriplex lentiformis
breweri
Ceanothus thrysiflorus
Cistus purpureus

Four-wing Saltbush Brewer Saltbush

Blue Blossom Orchid Spot Rock Rose Coprosma kirkii Dodonaea viscosa Hebe spp. Nerium oleander

Tamarix spp.

Hopseed Bush, Hop Bush Hebe species Oleander, Rosebay Tamarisk species

VINES--

Solandra hartwegii

Cup-of-gold Vine

Tecomaria capensis

Cape Honeysuckle

GROUND COVERS--

<u>Cistus villosus</u> 'Prostratus" White Dwarf Rock Rose

Juniperus conferta

Shore Juniper

PERENNIALS/ANNUALS--

Aloe arborescens

Tree Aloe

Phormium spp.

New Zealand Flax

*Wind Resistant/Drought Tolerant Plants *

TREES--

Casuarina cunninghamiana
Casuarina equisetifolia
Celtis australis
Celtis laevigata
Celtis occidentalis
Celtis sinensis
Pinus coulterii
Pinus halepensis
Pinus muricata
Pinus pumila

River She-Oak
Horsetail Tree
European Hackberry
Sugarberry
Common Hackberry
Chinese Hackberry
Coulter Pine
Aleppo Pine
Bishop Pine
Japanese Black Pine
Siberian Elm

SHRUBS--

Tamarix spp.

Tamarisk species

PALMS--

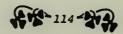
Chamaerops humilis

Mediterranean Fan Palm

PERENNIALS/ANNUALS--

Mentzelia lindleyi

Blazing Star



RErosion Control/Drought Tolerant Plants &

TREES--

Acacia longifolia

Sydney Golden Wattle

SHRUBS--

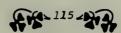
Symphoricarpos orbiculatus

Coralberry, Indian Currant

PERENNIALS/ANNUALS--

Arctostaphylos uva-ursi
Delosperma 'Alba'
Drosanthemum spp.
Malephora crocea

Bearberry, Kinnikinnick White Trailing Ice Plant Ice Plant Ice Plant



Air Pollution Tolerant/Drought Tolerant Plants

TREES--

Aesculus californica Ailanthus altissima Broussonetia papyrifera California Buckeye Tree-of-heaven Paper Mulberry

SHRUBS--

Forsythia spp.
Hamamelis spp.
Nerium oleander

Forsythia species Witch Hazel species Oleander, Rosebay More detailed information on drought resistant plantings and demonstration gardens is available in the following areas:

BAY AREA:

American Society of Landscape Architects (ASLA) Northern California Chapter 2451 Potomac Street Oakland, CA 94602

California Native Plant Society 2380 Ellsworth Street, Suite D Berkeley, CA 94704

Ferellones Institute*
1516 Fitth Street
Berkeley, CA 94710

Marin Civic Center Demo Garden N. San Pedro Road San Rafael. CA 94901

North Merin County Weter District P. O. Box 146 Novato, CA 94947

Senta Clere Valley Weter District 5750 Almeden Expresswey San Jose, CA 95118

Strybing Arboretum Society Hall of Flowers 9th and Lincoln San Francisco, CA 94122

University of California Botanical Garden Department of Botany University of California Berkeley, CA 94720 (Education Dept. Tour 642-3352) Russell Beatty Department of Landscape Architect Wurster Hall University of Celifornie Berkeley, CA 94720

East Bay Municipal Utility District*
P. D. Box 24055
Oakland, CA 94623

Marin Municipal Water District 220 Nellen Drive Corte Medara, CA 94925

Wayne Roderick* Regional Perks Botanicel Garden Tilden Perk Barkeley, CA 94720

Saratoga Horicultural Foundation* 20605 Varde Vista Lane Saratoga, CA 95070

Sunset Magazine Willow & Middlefield Roads Menlo Park, CA 94025

CENTRAL COAST:

The Biological Sciences and Dmamental Horticulture Department California Polytechnic State University San Luis Obispo, CA 93407

Dare Emery Sente Berbara Botanical Garden* Sente Berbere, CA 93105

SOUTH COAST:

Rencho Santa Ana Botanical Garden* 1500 North College Avenue Claremont, CA 91711

Huntington Botanical Gardens* 1151 Oxford Road San Marino, CA 91108

California Council of Landscape Architect 120 South Spring Street, Room 4-11 E Los Angeles, CA 90012

Dave Verity
University of Celifornie
Botanicel Gerden
University of Californie
Los Angeles, CA 90024

ASLA, Southern California Chapter 25281 Ericson Laguna Hills, CA 92653

Los Angeles County Department of Arboreta & Botanic Gardens* 301 North Beldwin Avenue Arcedia, CA 91066

Beolf Smith Horticulture Department Fullerton College Fullerton, CA 92634

Robert Perry Lendscape Architecture Department Californie State Polytechnic University 3801 West Temple Avenue Pomona, CA 91769 Department of Water Resources Southern District P. D. Box 6598 849 South Broedway Los Angeles, CA 90055

CENTRAL VALLEY AREA:

ASLA, Central Valley Chapter 4215 Freeport Boulevard Sacramento, CA 95822

California Association of Nurserymen 1005 — 8th Street, Suite 304 Sacramento, CA 95814

Werren Roberts*
University of California Arboretum
Davis, CA 95616

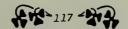
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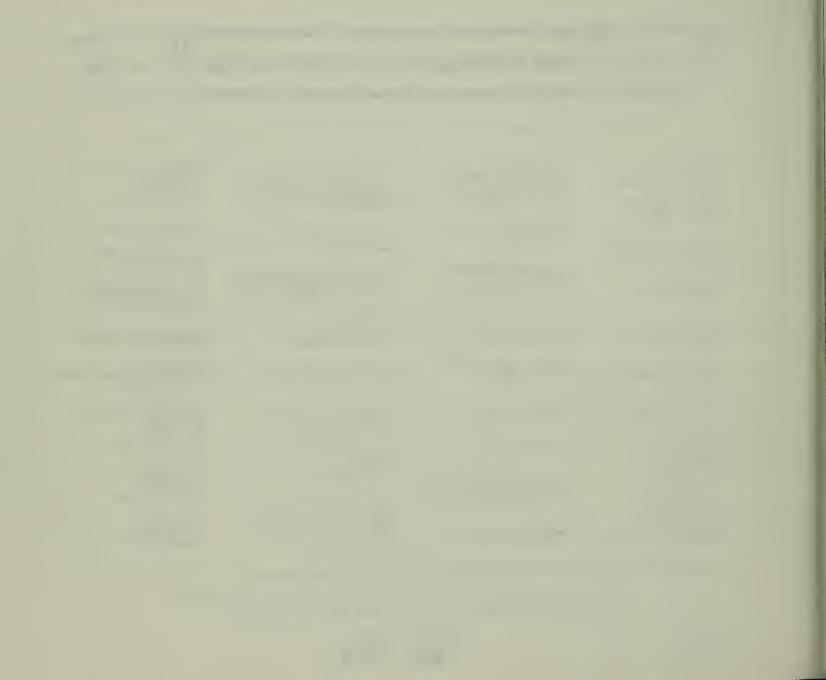
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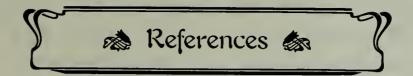
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In some areas, contact your local water agency, Agricultural Extension Service, Cooperative Extension off Offices, Farm and Home Advisors (numbers listed in your local phone book under County offices); or call the Landscape Water Conservation Office, Department of Water Resources (916) 322-3071



^{*} These organizations are associated with drought-tolerant plants or gardens which can be viewed by the public.





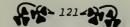
The following are the sources of information used in compiling this plant list.

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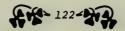


Index of Common Names 3

	Page		Page		<u>Page</u>
Abelia, Glossy	42	Bearberry	45, 78	Broom (Cont.)	
Acacia		Beard Tongue	98	Mt. Aetna	61
Bailey	14	Beauty Berry	48	Scotch	56
Black	14	Purple	48	Spanish	74
Blackwood	14	Beauty Bush	63	Warminster	56
False	32	Beefwood	16	Buckeye, California	14
African Daisy	88,92	Belladonna Lady	87	Buckthorn	
Alder Buckthorn	70	Bidwell's Coral Tree	59	Alder	70
Aloe	42	Big Tree	33	Italian	70
Alternanthera	86	Bird-of-Paradise Bush	69	Sea	63
Alyssum	86	Bird's Eye Bush	67	Buckwheat	
Amur Cork Tree	26	Blackberry, California	73	Red	93
Anacyclus	87	Black-eyed Susan	100	Saffron	93
Angelica Shrub	42	Black Locust	32	Santa Cruz İsland	58
Angel's Trumpet	92	Black Walnut		Burning Bush	59,95
Animated Oat	108	California	23	Bush Anemone	49
Aralia, Five-leaved	42	Hinds	23	Bush Cinquefoil	69
Arborvitae, Giant	34	Southern California	23	Bush Clover	
Arctotis	88	Bladder Senna	53	Purple	64
Ash		Blanket Flower	94	Shrub	64
Arizona	22	Blazing Star	97	Bush Germander	75
Foothill	21	Bluebells, California	99	Bush Morning Glory	54
Modesto	22	Blue Blossom	51	Bush Poppy	56
Athel Tree	33	Bottle Brush	26	Island	56
Baby's Breath, Annual	94	Lemon	48	Butter Daisy	101
Bachelor's Buttons	90	Weeping	15	Butterfly Bush, Fount	ain 48
Barberry		Bottle Tree	15	Cactus	89
Darwin	47	Bougainvillea	104	Cajeput Tree	25
Dwarf	47	Box	48	Calendula	89
Golden Abundance	47	Box Blueberry	75	Camphor Tree	18
Japanese	48	Boxwood	48	Canary Bird Flower	105
Korean	47	Breath of Heaven, Pink	53	Cape Honeysuckle	105
Mentor	47	Brodiaea	89	Cape Marigold	92
Nevins	47	Harvest	89	Cape Plumbago	68
Bay, California	34	Broom		Capeweed	79
Beach Aster	93	Moonlight	56	Carmel Creeper	79

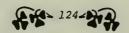


Carob	18	Chokeberry		Currant	
Carpet Bugle	78	Black	46	Alpine	72
Cassia, Feathery	49	Purple	46	Evergreen	72
Catalina Perfume	72	Red	45	Flowering	72
Catalpa, Western	16	Cladanthus	91	Indian	75
Ceanothus	49-51	Clarkia	91	Cypress	
Blue Buttons	50	Clematis		Monterey	19
Blue Whisp	50	Armand	104	Smooth Arizona	19
Carmel	51	Evergreen	104	Dahlberg Daisy	100
Coulter	51	Cleome	91	Deutzia	
Fallen Skies	50	Clusterberry	55	Fuzzy	57
Feltleaf	49	Coast Silktassel	60	Lemoine	57
Frosty Blue	50	Cockscomb	90	Rose-panicled	57
Navarro	79	Coffeeberry, California	70	Slender	57
Point Reyes	79	Columbine, Western	88	Dogwood	
Santa Ana	51	Coralberry	75	Gray	55
Snowball	51	Chenault	75	Tatarian	54
Wartleaf	51	Coreopsis	92	Douglas Fir	31
Wavyleaf	50	Cornflower	90	Dracaena	38,54
Cedar		Cosmos	92	Dusty Miller	74,90,100
Atlas	17	Yellow	92	Eastern Ninebark	68
Deodar	17	Cotoneaster	80	Elaeagnus	
Incense	15	Bright-bead	55	Autumn	58
of Lebanon	17	Necklace	80	Cherry	58
Centaurea, Velvet	90	Redbox	56	Thorny	58
Century Plant	42,86	Rock	80	Elderberry, Blue	32,74
Charieis	91	Rockspray	80	Elephant's Food	69
Chaste Tree	76	Cottonwood, Fremont	30	Elm	
Cherry		Coyote Bush	46	Chinese	34
Catalina	30	Dwarf	79	Siberian	34
Cornelian	54	Crape Myrtle	24	English Lavender	64
Hollyleaf	30	Cream Bush	63	Eucalyptus	19-20
Chinese Chestnut	16	Creosote Bush	63	Blue Gum	20
Chinese Scholar Tree	33	Crotalaria	92	Cider Gum	20
Chinese Woolflower	90	Cup Flower	97	Dollar Leaf	59
Chinquapin	49	Cupid's Dart	89	Ironbark, Red	21
Giant	16	Cup-of-Gold Vine	105	Lemon-scented Gum	20



Eucalyptus (Cont.)		Four O'clock	97	Grass (Cont.)	
Manna Gum	21	Frangipani	69	Ruby	109
Nichol's Willow-leafed	1 20	Fuchsia		Squirreltail	108
Peppermint Gum	20	Australia	55,80	Grevillea	
Red Gum	20	California	83,101	Rosemary	61
River Red Gum	20	Fuchsia Flowering		Spider-net	61
Silver Dollar Gum	21	Gooseberry	72	Wooly	61
Silver Mountain Gum	59	Gaillardia	94	Guava, Pineapple	21
Snow Gum	21	Gazania	80,94	Gumi	58
Spotted	20	Geranium		Hackberry	
Tall San Mallee	20	Common	98	Chinese	18
Euonymus, Dwarf Winged	59	Garden	98	Common	17
Euryops	59	Ivy	98	European	17
Feather Bush	65	Regal	98	Mississippi	17
Feathertop	109	Germander	83	Southern	17
Feathery Cassia	49	Ginkgo	22	Yunnan	18
Fern	99	Globe Amaranth	94	Hardtack	18,52
Fescue, Blue	108	Gloriosa Daisy	100	Hawk's Beard	92
Feverfew	91	Goatnut	74	Hawthorn	19
Fig		Golden Crownbeard	101	Pink Indian	70
Common	21	Golden Cup	95	Hebe	62
Creeping	104	Golden Fleece	100	Helipterum	95
Filbert	55	Goldenrain Tree	24	Holly Grape, Oregon	65
European	55	Grape Holly, California	66	<i>Hollyhock</i>	86
Flaming Fountain	87	Grass		Honey Locust, Thornless	22
Flannel Bush	22,60	Animated Oat	108	<i>Honeysuckle</i>	65
Common	60	Cloud	108	Trumpet	104
Southern	60	Feathertop	109	Honeywort	91
Flax	67	Fountain	109	Hop Bush	57
Flaxleaf Paperbark	25	Foxtail	108	Hopseed Bush	57
Flora's Paintbrush	93	Hare's Tail	108	Horsetail Tree	16
Forget-me-not		Large Quaking	108	Huckleberry, Evergreen	76
Chinese	92	Lesser Quaking	108	Hummingbird Bush	61
Forsythia	59	Natal	109	Hummingbird Flower	83,101
White	42	Pampas	108	Ice Plant	79,80,82
Fountain Plant	87	Rabbit-tail	108	Hottentot Fig	79

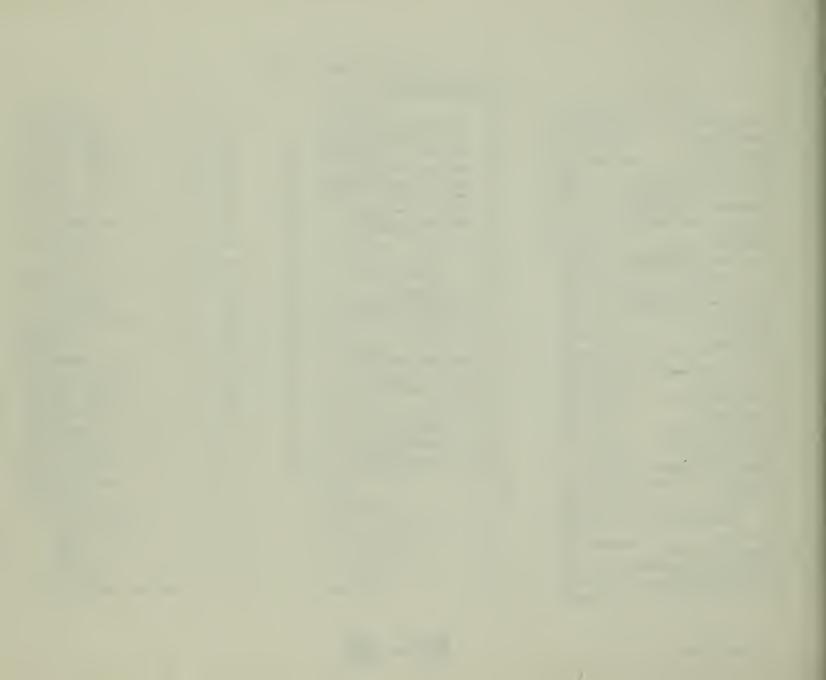
Ice Plant (Cont.)		Turinon (Cont.)		Mahogany (Cont.)	
	79	Juniper (Cont.)	82	Mountain	28,52
Red Spike	80	Tam Tamarix	82	Mahonia, Longleaf	66
White Trailing	3		02	Maidenhair Tree	22
Incense Cedar	94	Weeping Rocky	24	Mallow-wort	97
Indian Blanket	94	Mountain	90	Malope	97
Indigo	0.0	Jupiter's Beard	35	Manzanita	
False	88	Keaki Tree, Japanese	63	Common	44
Wild	88	Kerria	63 78	Emerald Carpet	43
Iris		Kinnikinnick	• •	Festival	44
Douglas	95	Knotweed	82	Greensphere	44
Mountain	95	Japanese	83	Haven's Neck	78
Pacific Coast	95	Kudzu Vine	104	Hooker's	44
Ironwood		Lady Washington		Tndian Hill	44
Fern Leaf Santa Cruz	25	Pelargonioum	98	2.1.0	43
Mountain	18,52	Lantana	104	Little Sur	43
Italian Buckthorn	70	Laurel, California	34	McMinn	44,78
Ivy		Laurel, Portugal	30,69	Monterey	44,70
Algerian	81	Laurel Cherry, Carolina	69	Sandsprite	
English	81	Lazy Daisy	88	Sea Spray	45
Jade Plant	56	Lemonade Berry	71	Vine Hill	78
Japanese Keaki Tree	35	Leucothoe, Drooping	65	Winterglow	45
Japanese Pagoda Tree	33	Lilac, Wild	50	Mayten Tree	25
Jasmine, Rock	87	Lily-of-the-Nile	42	Melaleuca	
Jerusalem Thorn	26	Lippia	82,99	Pink	25
Jethead	71	Lithodora	96	Prickly	26
Jojoba	74	Loquat	19	Mexican Evening Primrose	98
Joseph's Coat	87	Bronze	19	Mexican Fire Bush	95
Joshua Tree	34	Lotus	96	Mexican Fire Plant	93
Jujube, Chinese	35	Love-lies-bleeding	87	Mexican Palo Verde	26
Juniper	81	Lupine	65	Mickey Mouse Plant	67
Andorra	81	Madagascar Periwinkle	101	Monarch-of-the-veldt	101
California	23	Madeira Vine	104	Morning Glory, Dwarf	91
	81		15	Moss Locust	72
Japanese Garden	24	Madrona	15	Moss Pink	82
Red Cedar	81	Madrone	10	Mother-of-thyme	83
Sargent	81	Mahogany	20	Mountain Ash, European	33
Shore		Curl-Leaf	28		
Sierra	23				



Mulberry		Palm (Cont.)		Pine (Cont.)	
Fruitless White	26 Chinese Founta		38	Digger	
Paper 15		Date	38	Hickory	27
Red	-		38	Italian Stone	28
Myrtle	66	Mexico Blue	38	Japanese Black	29
Naked Lady	87	Mexican Fan	40	Jeffrey	27
Nasturtium, Garden	100	Pindo	38	Knobcone	27
New Zealand Daisy Bush	67	Silver Date	39	Maritime	28
New Zealand Flax	99	Windmill	39	Ponderosa	28
New Zealand Lace Bark	23	Palmetto	39	Scotch	28
Nutmeg, California	34	Daxaca	39	Scots	28
Oak		Palo Verde	28	Shore	27
Blue	31	Pampas Grass	108	Torrey	27
California Black	31	Parrot's Beak	96	Yellow	28
California Live	31	Pearlbush Pearlbush	59	Pineapple Guava	21
California White	California White 31		82	Pink Diosma	53
Canyon Live	31	Pepper Tree		Pissard Plum	30
Coast Live	31	Brazilian	33	Pistache	
Cork	32	California	32	Chinese	29
Interior Live	32	Peruvian	33	Mount Atlas	29
Oregon White 31	Periwinkle, Dwarf	83	Pittosporum	29,68	
Silk 22		Madagascar	101	Cape	68
Valley	31	Petunia, Garden	99	Weeping	68
Ocean Spray				Willow .	68
Octilla			99	Plane Tree, London	29
Oleander			82	Pomegranate	70
Oleaster	5 8	Photinia, Chinese	67	Poplar, White	30
Olive	26	Pimpernel	87	Рорру	
Osage Orange	25	Pinchusion Flower	90	Alpine	98
Our Lord's Candle	101	Pine		California	93
Palm		Aleppo	27	Iceland	98
California Fan	39	Bishop	28	Matilija	100
Canary Island Date	38	Bristlecone	27	Mexican Tulip	95
•		Canary Island	27	Prickly	88
		Cluster	28	Shirley	98
		Coulter	27	Tulip	98

Portulaça	99	Rose Acacia	72	Shrubby Monkey Flower	57
Pot Marigold	89	Rosebay	66	Siberian Pea-Shrub	49
Potato Vine	105	Rose Everlasting	95	Silktassel	
Prickly Pear	67	Rose Moss	99	Coast	60
Pride of Madera	58	Rosemary	73	James Roof	60
Prince's Feather	87	Rowan Tree	33	Silktree	14
Privet	65	Russian Olive	58	Silver Fleecevine	104
Glossy	24	Sage		Silver Lace Vine	104
Purslane Tree	69	Autumn	73	Silver Mound	88
Quaking Grass		California	46	Smoke Tree	19
Large	108	Coastal	46	Snowberry, Common	75
Lesser	108	Mexican	73	Snow-on-the-moutain	94
Ouince		Purple	73	Soapweed, Small	76
Flowering	52	Sand Hill	88	Sophora spp.	74
Japanese	52	St. Catherine's Lace	59	Spicebush, Western	48
Rabbit-tail Grass	108	St. John's Bread	18	Spider Flower	91
Raoulia	99	St. Johnswort	81	Spirea	74
Rattlebox	92	Salal	61	Star-of-Texas	101
Redberru	70	Saltbush		Stephanandra, Cut-leaved	74
Redbud, Western	18	Brewer	46	Strawberry Tree	15
Red Clusterberry	55	Four-wing	46	Strawflower	95
Red-hot Poker	95	Salt Cedar	33	Sugarberry	17
Red Maids	89	Sand Mallee, Tall	20	Sugar Bush	71
Red Valerian	90	Scarlet Pimpernel	87	Sumac	
	73	Sea Buckthorn	63	African	32
Rhododendron, Vireja River She-Oak	16	Sea Lavender	96	Laurel	71
Rock Jasmine	87	Sea Urchin Tree	23,62	Shining	71
Rock Purslane	89	Seaside Daisy	93	Smooth	71
	6,5	Senna	49	Staghorn	72
Rockrose	52	Bladder	53	Summer Holly	53
Crimson Spot	53	Sensitive Plant	97	Summer Poincettia	87
Orchid Spot	52	Sequoia, Giant	33	Sunflower	95
Pink	52 52	Service Berry	43	Cucumberleaf	94
White	52 80	Saskatoon	43	Sunrose	62,81,9
White Dwarf	62	Western	43	Sunshine Dairy	94
Yellow	62 91	Shadbush	43	Swan River Everlasting	95
Rocky Mountain Garland	91	SHAUDUSH	-	Sweet Alyssum	96

Sweet Basil	97	Wallflower (Cont.)	
Sweet Brush	18	Siberian	93
Sweet Fern	53	Wax Myrtle, Pacific	66
Sweet Hakea	62	Western Catalpa	16
Sweet Sultan	90	Western Hounds Tongue	92
Sword Fern, Western	99	Western Redbud	18
Sycamore, California	30	Western Red Cedar	34
Sydney Golden Wattle	14	Western Sword Fern	99
Tamarisk	75	Westringia	76
Tassel Flower	87,93,	Willow	
Tea Tree, Australian	24,64	Australian	22
Compact	64	Dwarf Gray	73
Texas Ranger	64	Wine Grape	105
Texas Umbrella Tree	26	Winged Everlasting	87
Thyme, Common	100	Winter Savory	100
Tidy Tips	96	Wisteria	105
Toadflax	96	Wooly Blue Curls	75
Toyon	23,62	Xylosma, Shiny	76
Treasure Flower	94	Yarrow, Wooly	86
Tree Aloe	86	Yerba Buena	83
Tree-of-heaven	14	Yucca	76
Tree Peony	67	Zelkova	
Trumpet Creeper	104	Japanese	35
Trumpet Flower	92	Sawleaf	35
Trumpet Vine	104	Zinnia, Creeping	100
Umbrella Chinaberry	26		
Ursinia, Dill-leaf	101		
Verbena	101		
Peruvian	83		
Pink Sand	86		
Viburnum	76		
Viper's Bugloss	93		
Vireja Rhododendron	73		
Virginian Stock	97		
Wallflower	91		





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